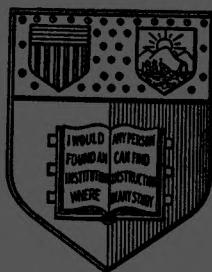


CORNELL UNIVERSITY
OFFICIAL PUBLICATION

AUGUST 12, 1954

Medical College

ANNOUNCEMENT
FOR 1954-55 SESSIONS



CORNELL UNIVERSITY
MEDICAL COLLEGE

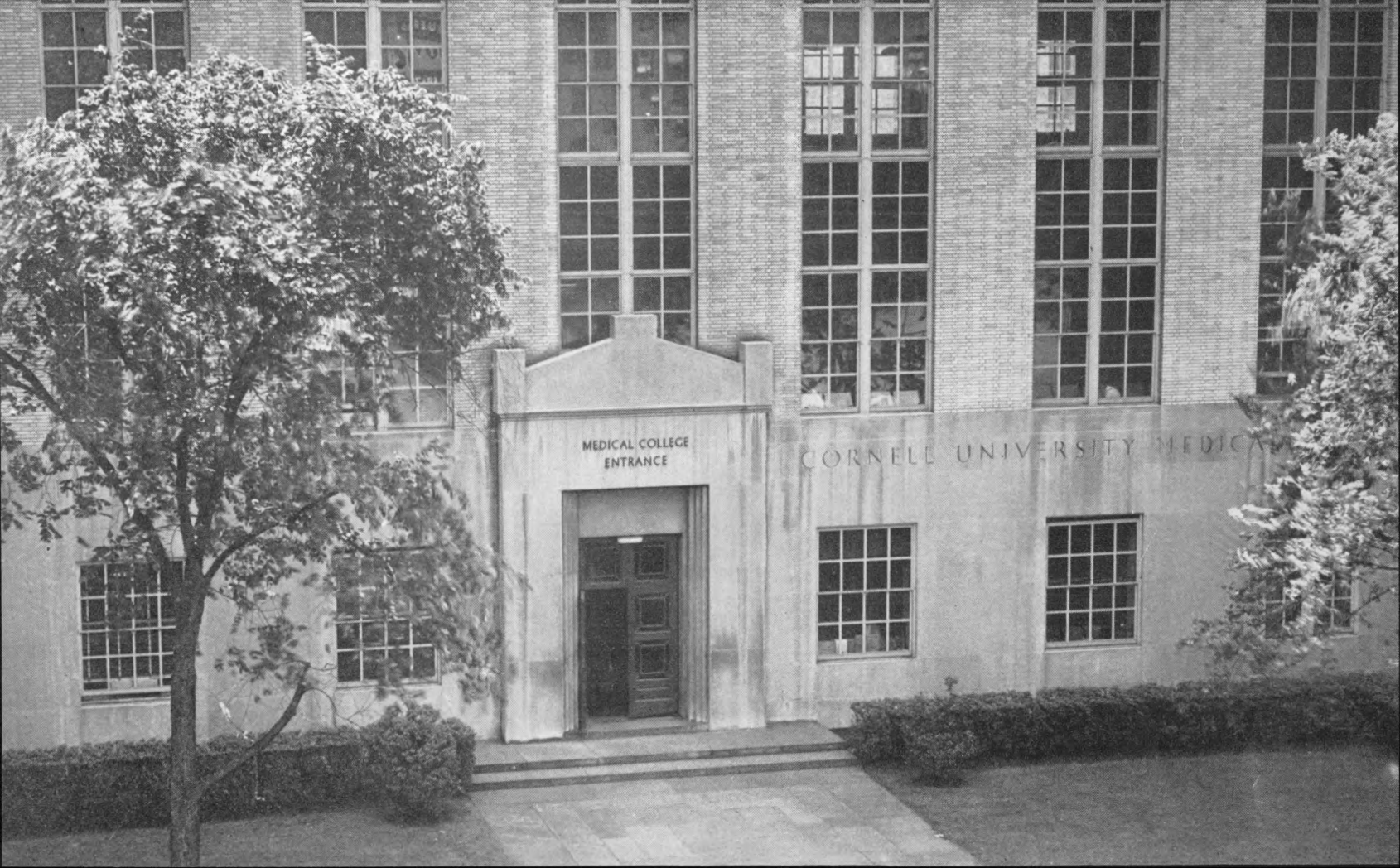
1300 York Avenue, New York 21, N.Y.

CORNELL UNIVERSITY OFFICIAL PUBLICATION

Published by Cornell University at Ithaca, New York, every two weeks throughout the year. Volume 46. Number 4. August 12, 1954. Entered as second-class matter, December 14, 1916, at the post office at Ithaca, New York, under the act of August 24, 1912.



F. W. Olin Hall, Student Residence



MEDICAL COLLEGE
ENTRANCE

CORNELL UNIVERSITY MEDICAL

Contents

Calendar	3
The New York Hospital—Cornell Medical Center	4
The College Council	5
The College Advisory Committee	5
Standing Committees	7
Faculty	8
General Statement	25
Requirements for Admission and Graduation	31
General Information	
Fees, Residence, Prizes, Scholarships, Loans	38
Cornell University Medical College Alumni Association	46
Educational Policies and Plan of Instruction	48
Description of Courses	
Anatomy	50
Biochemistry	52
Medicine	54
Medical Comprehensive Care	61
Microbiology and Immunology	63
Obstetrics and Gynecology	64
Pathology	68
Pediatrics	70
Pharmacology	73
Physiology and Biophysics	74
Psychiatry	76
Public Health and Preventive Medicine	79
Radiology	82
Surgery	84
Special Students	90
Table of Required Hours	91
Sloan-Kettering Division and Faculty	96
Internship Appointments, Class of 1954	104
Register of Students, 1954-55	106
Register of Medical College and Sloan-Kettering Staffs	113

1954							1955													
<i>July</i>							<i>January</i>							<i>July</i>						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
				1	2	3							1						1	2
4	5	6	7	8	9	10	2	3	4	5	6	7	8	3	4	5	6	7	8	9
11	12	13	14	15	16	17	9	10	11	12	13	14	15	10	11	12	13	14	15	16
18	19	20	21	22	23	24	16	17	18	19	20	21	22	17	18	19	20	21	22	23
25	26	27	28	29	30	31	23	24	25	26	27	28	29	24	25	26	27	28	29	30
							30	31						31						
<i>August</i>							<i>February</i>							<i>August</i>						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
		1	2	3	4	5				1	2	3	4	5					1	2
8	9	10	11	12	13	14	6	7	8	9	10	11	12	7	8	9	10	11	12	13
15	16	17	18	19	20	21	13	14	15	16	17	18	19	14	15	16	17	18	19	20
22	23	24	25	26	27	28	20	21	22	23	24	25	26	21	22	23	24	25	26	27
29	30	31					27	28						28	29	30	31			
<i>September</i>							<i>March</i>							<i>September</i>						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
				1	2	3				1	2	3	4	5					1	2
5	6	7	8	9	10	11	6	7	8	9	10	11	12	4	5	6	7	8	9	10
12	13	14	15	16	17	18	13	14	15	16	17	18	19	11	12	13	14	15	16	17
19	20	21	22	23	24	25	20	21	22	23	24	25	26	18	19	20	21	22	23	24
26	27	28	29	30			27	28	29	30	31			25	26	27	28	29	30	
<i>October</i>							<i>April</i>							<i>October</i>						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
					1	2							1	2						1
3	4	5	6	7	8	9	3	4	5	6	7	8	9	2	3	4	5	6	7	8
10	11	12	13	14	15	16	10	11	12	13	14	15	16	9	10	11	12	13	14	15
17	18	19	20	21	22	23	17	18	19	20	21	22	23	16	17	18	19	20	21	22
24	25	26	27	28	29	30	24	25	26	27	28	29	30	23	24	25	26	27	28	29
31														30	31					
<i>November</i>							<i>May</i>							<i>November</i>						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
		1	2	3	4	5			1	2	3	4	5						1	2
7	8	9	10	11	12	13	8	9	10	11	12	13	14	6	7	8	9	10	11	12
14	15	16	17	18	19	20	15	16	17	18	19	20	21	13	14	15	16	17	18	19
21	22	23	24	25	26	27	22	23	24	25	26	27	28	20	21	22	23	24	25	26
28	29	30					29	30	31					27	28	29	30			
<i>December</i>							<i>June</i>							<i>December</i>						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
				1	2	3							1	2					1	2
5	6	7	8	9	10	11	5	6	7	8	9	10	11	4	5	6	7	8	9	10
12	13	14	15	16	17	18	12	13	14	15	16	17	18	11	12	13	14	15	16	17
19	20	21	22	23	24	25	19	20	21	22	23	24	25	18	19	20	21	22	23	24
26	27	28	29	30	31		26	27	28	29	30			25	26	27	28	29	30	31

Calendar

1954

- June 28 Registration and beginning of instruction for fourth year students, first division.
- July 5 Independence Day—holiday.
- Aug. 20 Second division begins for fourth year students.
- Sept. 6 Labor Day—holiday.
- Sept. 13-14 Examinations for conditioned students.
- Sept. 13-15 Registration for first, second, and third year classes.
- Sept. 15 Opening exercises, 3:30 p.m.
- Sept. 16 Instruction begins for first, second, and third year classes, 9 a.m.
- Oct. 12 Columbus Day—holiday.
- Oct. 14 Third division begins for fourth year students.
- Nov. 25 Thanksgiving Day—holiday.
- Dec. 1-2 Examinations for second year students.
- Dec. 2 Fall term ends, 5 p.m.
- Dec. 3 Winter term begins, 9 a.m.
- Dec. 7 Fourth division begins for fourth year students.
- Dec. 18 Christmas recess begins, 1 p.m.

1955

- Jan. 3 Christmas recess ends, 9 a.m.
- Feb. 11 Fifth division begins for fourth year students.
- Feb. 12 Lincoln's Birthday—holiday.
- Feb. 22 Washington's Birthday—holiday.
- Mar. 4-5 Examinations for first year students.
- Mar. 5 Winter term ends, 1 p.m.
- Mar. 6-13 Spring recess.
- Mar. 14 Spring term begins, 9 a.m.
- Apr. 7 Sixth division begins for fourth year students.
- May 28 Instruction ends for all classes, 1 p.m.
- May 30 Memorial Day—holiday.
- May 31-
June 3 Final examinations.
- June 8 Commencement, 2:30 p.m.

The New York Hospital—Cornell Medical Center

THE CENTER was formed by an agreement between the Society of the New York Hospital and Cornell University in order to associate organically the hospital and the medical college and to effect a complete coordination of the medical, educational, and scientific activities of the two institutions.

The Center is operated under the supervision of a Joint Administrative Board, composed of three governors of the Society of the New York Hospital, three representatives of the Board of Trustees of Cornell University, and one other member elected by the appointed members. The Director of the New York Hospital-Cornell Medical Center is the chief executive officer of the Joint Administrative Board, composed of the following:

JOSEPH C. HINSEY, *Director*,
The New York Hospital-Cornell Medical Center

DEANE W. MALOTT, *Chairman*

ARTHUR H. DEAN

STANTON GRIFFIS

HAMILTON HADLEY

HENRY S. STURGIS

JOHN HAY WHITNEY

JOHN W. DAVIS

FORM FOR BEQUESTS

The Society of the New York Hospital is associated with the Cornell University Medical College, which is one of the colleges of Cornell University, under the title of "The New York Hospital-Cornell Medical Center."

Gifts or bequests should be made either to the Hospital or to the University, but not to the above-named Association.

If for the Hospital, the language may be: "I give and bequeath to the Society of the New York Hospital, the sum of \$"

If for the College, the language may be: "I give and bequeath to Cornell University the sum of \$ for use in connection with its Medical College in New York City." If it is desired that a gift shall be used in whole or in part for any specific purpose in connection with the College, such use may be specified.

THE COLLEGE COUNCIL

For the purpose of discharging its duties to the Memorial Hospital under the Douglas Deeds of Trust, the Board of Trustees is constituted as the Council of the Cornell University Medical College in New York City.

THE COLLEGE ADVISORY COMMITTEE

There is also established a Medical College Advisory Committee, which shall consist of eleven members: the President of the University, who shall be Chairman; the Director of the New York Hospital-Cornell Medical Center; four trustees to be elected by the Board of Trustees, one of whom shall be elected each year for the term of four years; the Dean of the Medical College; two members of the Faculty of the Medical College, to be elected by such Faculty, one each year for the term of two years; two alumni of the Medical College, one to be appointed by the Medical College Alumni Association and the other by the Board of Trustees, each for a term of one year.

The Committee at present consists of the following members:

DEANE W. MALOTT, President of the University, *Chairman*, ex officio

E. HUGH LUCKEY, Dean of the Medical College, ex officio

JOSEPH C. HINSEY, Director, The New York Hospital-Cornell Medical Center, ex officio

DOROTHY McS. ARNOLD

STANTON GRIFFIS

JACOB G. SCHURMAN, JR.

WILLIAM B. CORNELL

} of the Board
of Trustees

JAMES M. NEILL

SAMUEL Z. LEVINE

} of the Faculty

WILLIAM A. BARNES

IRVING S. WRIGHT

} of the Alumni

EDWARD K. TAYLOR, *Secretary*

Officers of Administration

DEANE W. MALOTT, *President of the University*

E. HUGH LUCKEY, *Dean of the Medical College*

LAWRENCE W. HANLON, *Assistant Dean*

DAYTON J. EDWARDS, *Secretary of the Faculty*

EDWARD K. TAYLOR, *Assistant Treasurer and Business Manager*

BEATRICE BERLE, *Counselor to Foreign Students*

ANNA F. BURKE, *Librarian*

EXECUTIVE FACULTY

DEANE W. MALOTT

DAVID P. BARR

McKEEN CATTELL

OSKAR DIETHELM

R. GORDON DOUGLAS

VINCENT DU VIGNEAUD

FRANK GLENN

LAWRENCE W. HANLON

JOSEPH C. HINSEY

JOHN G. KIDD

SAMUEL Z. LEVINE

E. HUGH LUCKEY

JAMES M. NEILL

ROBERT F. PITTS

WILSON G. SMILLIE

*Standing Committees**

COMMITTEE ON CURRICULUM

Vincent du Vigneaud, *Chairman*

David P. Barr	John G. Kidd
Oskar Diethelm	Samuel Z. Levine
R. Gordon Douglas	S. W. Moore
John Y. Sugg	

COMMITTEE ON ADMISSIONS

Lawrence W. Hanlon, *Chairman*

William H. Dunn	Richard B. Stark
Dayton J. Edwards	Alphonse E. Timpanelli
Donald B. Melville	Preston A. Wade

LIBRARY COMMITTEE

Thomas P. Almy, *Chairman*

Henry L. Barnett	Frank Glenn
Harry W. Burnett	John MacLeod
McKeen Cattell	Julian R. Rachele
Anna F. Burke	

COMMITTEE ON PROMOTION AND GRADUATION

E. Hugh Luckey, *Chairman*

Heads of departments, or their representatives, responsible for the more important courses of each year.

COMMITTEE ON SCHOLARSHIPS

James M. Neill, *Chairman*

John M. McLean	S. W. Moore
Paul Reznikoff	

COMMITTEE ON PRIZES IN RESEARCH

Robert F. Pitts, *Chairman*

Thomas P. Almy	John MacLeod
John M. Pearce	

*The Dean is ex officio a member of all committees.

Faculty*

DEANE W. MALOTT, *President of the University*. (A.B. 1921, University of Kansas; M.B.A. 1923, Harvard Business School; LL.D. 1941, Washburn University; LL.D. 1951, Bryant College; LL.D. 1951, Hamilton College.)

EMERITUS PROFESSORS

RUSSELL L. CECIL, M.D. [1910; 1950]	<i>Professor of Clinical Medicine</i>
EUGENE F. DuBOIS, M.D. [1910; 1950]	<i>Professor of Physiology</i>
DAYTON J. EDWARDS, Ph.D. [1918; 1950]	<i>Professor of Physiology</i>
CARY EGGLESTON, M.D. [1911; 1953]	<i>Professor of Clinical Medicine</i>
N. CHANDLER FOOT, M.D., [1932; 1948]	<i>Professor of Surgical Pathology</i>
MALCOLM GOODRIDGE, M.D. [1910; 1946]	<i>Professor of Clinical Medicine</i>
CONNIE M. GUION, M.D. [1924; 1951]	<i>Professor of Clinical Medicine</i>
JAMES A. HARRAR, M.D. [1932; 1948]	<i>Professor of Clinical Obstetrics and Gynecology</i>
ELISE STRANG L'ESPERANCE, M.D. [1910; 1950]	<i>Professor of Clinical Public Health and Preventive Medicine</i>
CHARLES V. MORRILL, Ph.D. [1915; 1953]	<i>Professor of Anatomy</i>
EUGENE L. OPIE, M.D. [1932; 1941]	<i>Professor of Pathology</i>
GEORGE PAPANICOLAOU, M.D. [1914; 1951]	<i>Professor of Clinical Anatomy</i>
BERNARD R. SAMUELS, M.D. [1914; 1942]	<i>Professor of Clinical Surgery (Ophthalmology)</i>
HANS J. SCHWARTZ, M.D. [1911; 1942]	<i>Professor of Clinical Medicine (Dermatology)</i>
ALEXANDER R. STEVENS, M.D. [1924; 1946]	<i>Professor of Clinical Surgery (Urology)</i>
JOSHUA E. SWEET, M.D. [1926; 1941]	<i>Professor of Experimental Surgery</i>

PROFESSORS

DAVID P. BARR, *Professor of Medicine*. Physician-in-Chief, New York Hospital; Consulting Physician, Bellevue Hospital. (A.B. 1911, M.D. 1914, Cornell; LL.D. 1929, Central College; Sc.D. 1946, Washington University. [1916; 1941])

ALEXANDER BRUNSCHWIG, *Professor of Clinical Surgery*. Attending Surgeon, Memorial Hospital. (B.A. 1923, M.S. 1924, University of Chicago; M.D. 1926, Rush. [1947])

McKEEN CATTELL, *Professor of Pharmacology*. (B.S. 1914, Columbia; A.M. 1917, Ph.D. 1920, M.D. 1924, Harvard. [1924; 1943])

LLOYD F. CRAVER, *Professor of Clinical Medicine*. Attending Physician, Memorial Hospital. (A.B. 1915, M.D. 1918, Cornell. [1934; 1952])

OSKAR DIETHELM, *Professor of Psychiatry*. Psychiatrist-in-Chief, New York Hospital. (Statexamen 1922, U. of Zurich; M.D. 1923, U. of Berne. [1936])

*The figures in brackets following the name of each faculty member indicate the date of original appointment and the year of induction into present rank.

- R. GORDON DOUGLAS, *Professor of Obstetrics and Gynecology*. Obstetrician-and-Gynecologist-in-Chief, New York Hospital. (M.D.C.M. 1924, McGill. [1932; 1949])
- GUILFORD S. DUDLEY, *Professor of Clinical Surgery*. Attending Surgeon, New York Hospital; Consultant in Surgery, Second Surgical Division, Bellevue Hospital. (A.B. 1910, M.D. 1913, Cornell. [1917; 1949])
- VINCENT DU VIGNEAUD, *Professor of Biochemistry*. (B.S. 1923, M.S. 1924, Illinois; Ph.D. 1927, Rochester. [1938])
- JOHN A. EVANS, *Professor of Clinical Radiology*. Radiologist-in-Chief, New York Hospital. (B.S. 1931, New York University; M.D. 1935, Cornell. [1937; 1953])
- CLAUDE E. FORKNER, *Professor of Clinical Medicine*. Attending Physician, New York Hospital. (A.B. 1922, M.A. 1923, University of California; M.D. 1926, Harvard. [1938; 1953])
- FRANK GLENN, *Lewis Atterbury Stimson Professor of Surgery*. Surgeon-in-Chief, New York Hospital. (M.D. 1927, Washington University. [1932; 1947])
- HARRY GOLD, *Professor of Clinical Pharmacology*. (A.B. 1919, M.D. 1922, Cornell. [1922; 1947])
- PHYLLIS GREENACRE, *Professor of Clinical Psychiatry*. Attending Psychiatrist, New York Hospital. (B.S. 1913, U. of Chicago; M.D. 1916, Rush. [1932; 1933])
- LOUIS HAUSMAN, *Professor of Clinical Medicine (Neurology)*. Associate Attending Physician (Neurology), New York Hospital; Visiting Neurologist in Charge, Bellevue Hospital. (A.B. 1912, College of the City of New York; M.D. 1916, Cornell. [1923; 1945])
- JOHN G. KIDD, *Professor of Pathology*. Pathologist-in-Chief, New York Hospital. (A.B. 1928, Duke; M.D. 1932, Johns Hopkins. [1944])
- SAMUEL Z. LEVINE, *Professor of Pediatrics*. Pediatrician-in-Chief, New York Hospital. (A.B. 1916, College of the City of New York; M.D. 1920, Cornell. [1924; 1936])
- GEORGE M. LEWIS, *Professor of Clinical Medicine (Dermatology)*. Attending Physician (Dermatology), New York Hospital. (M.D. 1925, University of Alberta; L.M.C.C. 1925, Medical College of Canada. [1932; 1949])
- ASA L. LINCOLN, *Professor of Clinical Medicine*. Associate Attending Physician, New York Hospital; Visiting Physician, Bellevue Hospital. (A.B. 1910, M.A. 1911, Elon College; M.D. 1916, Johns Hopkins. [1921; 1941])
- WILLIAM F. MACFEE, *Professor of Clinical Surgery*. Attending Surgeon, New York Hospital. (A.B. 1914, University of Tennessee; M.D. 1918, Johns Hopkins. [1936; 1952])
- JOHN M. McLEAN, *Professor of Clinical Surgery (Ophthalmology)*. Attending Surgeon in Charge of Ophthalmology, New York Hospital. (M.E. 1930, Stevens Institute; M.D. 1934, Cornell. [1941; 1943])
- JAMES M. NEILL, *Professor of Microbiology and Immunology*. (B.S. 1917, Allegheny; Ph.D. 1921, Massachusetts Agricultural College; D.Sc. 1940, Allegheny. [1931])
- MARVIN K. OPLER, *Visiting Professor of Anthropology (Social Psychiatry)*. (A.B. 1935, University of Michigan; Ph.D. 1938, Columbia University. [1953])
- JOHN M. PEARCE, *Professor of Pathology; Professor of Pathology in Surgery*. Attending Pathologist, New York Hospital. (Ph.B. 1930, Yale; M.D. 1934, Harvard. [1948])
- ROBERT F. PITTS, *Professor of Physiology*. (B.S. 1929, Butler University; Ph.D. 1932, Johns Hopkins; M.D. 1938, New York University. [1942; 1950])

- BRONSON S. RAY**, *Professor of Clinical Surgery (Neurosurgery)*. Attending Surgeon in Charge of Neurosurgery, New York Hospital; Consulting Neurosurgeon, New York Hospital, Westchester Division; Clinical Assistant Visiting Neuro-Psychiatrist, Bellevue Hospital. (B.S. 1924, Franklin; M.D. 1928, Northwestern. [1932; 1948])
- THOMAS A. C. RENNIE**, *Professor of Psychiatry (Social Psychiatry)*. Attending Psychiatrist, New York Hospital. (B.S. 1924, University of Pittsburgh; M.D. 1928, Harvard. [1942; 1950])
- PAUL REZNIKOFF**, *Professor of Clinical Medicine*. Attending Physician, New York Hospital; Consulting Physician, Bellevue Hospital. (B.S. 1916, New York University; M.D. 1920, Cornell. [1924; 1946])
- WILSON G. SMILLIE**, *Professor of Public Health and Preventive Medicine*. Consultant in Preventive Medicine and Public Health, New York Hospital. (A.B. 1908, Colorado College; M.D. 1912, D.P.H. 1916, Harvard. [1937])
- CARL H. SMITH**, *Professor of Clinical Pediatrics*. Associate Attending Pediatrician, New York Hospital. (B.A. 1915, College of the City of New York; M.A. 1917, Columbia; M.D. 1922, Cornell. [1928; 1954])
- LEO SROLE**, *Visiting Professor of Sociology (Social Psychiatry)*. (B.S. 1933, Harvard; Ph.D. 1940, University of Chicago. [1952])
- LEWIS D. STEVENSON**, *Professor of Clinical Medicine (Neurology)*; *Associate Professor of Pathology*. Consulting Pathologist, New York Hospital; Consulting Neurologist, New York Hospital, Westchester Division; Associate Visiting Neuro-Psychiatrist, Bellevue Hospital. (A.B. 1916, M.D. 1916, Queen's University. [1922; 1945])
- PHILIP M. STIMSON**, *Professor of Clinical Pediatrics*. Consulting Pediatrician, New York Hospital. (A.B. 1910, Yale; M.D. 1914, Cornell. [1919; 1953])
- HAROLD L. TEMPLE**, *Professor of Clinical Radiology*. Attending Radiologist, New York Hospital. (B.S. 1932, M.D. 1935, University of Nebraska. [1941; 1946])
- PRESTON A. WADE**, *Professor of Clinical Surgery*. Attending Surgeon, New York Hospital. (A.B. 1922, M.D. 1925, Cornell. [1927; 1953])
- SYDNEY WEINTRAUB**, *Professor of Clinical Radiology*. Attending Radiologist, New York Hospital. (M.D. 1918, Columbia. [1932; 1950])
- MAY G. WILSON**, *Professor of Clinical Pediatrics*. Associate Attending Pediatrician, New York Hospital. (M.D. 1911, Cornell. [1918; 1952])
- PHILIP D. WILSON**, *Professor of Clinical Surgery (Orthopedics)*. Attending Surgeon (Orthopedics), New York Hospital; Surgeon-in-Chief, Hospital for Special Surgery. (A.B. 1909, M.D. 1912, Harvard. [1951])
- HAROLD G. WOLFF**, *Professor of Medicine (Neurology)*; *Associate Professor of Psychiatry*. Attending Physician, Associate Attending Psychiatrist, New York Hospital; Consulting Neurologist, New York Hospital, Westchester Division; Clinical Assistant Visiting Neuro-Psychiatrist, Bellevue Hospital. (B.S. 1918, College of the City of New York; M.D. 1923, M.A. 1928, Harvard. [1931; 1948])
- IRVING S. WRIGHT**, *Professor of Clinical Medicine*. Attending Physician, New York Hospital. (A.B. 1923, M.D. 1926, Cornell. [1946; 1949])

ASSOCIATE PROFESSORS

- FRANK E. ADAIR**, *Associate Professor of Clinical Surgery*. Attending Surgeon, Memorial Hospital. (A.B. 1910, ScD. 1934, Marietta College; M.D. 1915, Johns Hopkins. [1934; 1938])
- THOMAS P. ALMY**, *Associate Professor of Medicine*. Associate Attending Physician, New York Hospital; Assistant Attending Physician, Memorial Hospital; Visiting Physician and Director, Second Medical Division, Bellevue Hospital. (A.B. 1935, M.D. 1939, Cornell. [1940; 1954])

- ARTHUR F. ANDERSON, *Associate Professor of Clinical Pediatrics*. Associate Attending Pediatrician, New York Hospital. (M.D. 1916, Tufts. [1930; 1948])
- JOSEPH F. ARTUSIO, JR. *Associate Professor of Surgery (Anesthesiology)*; *Associate Professor of Obstetrics and Gynecology (Anesthesiology)*. Attending Anesthesiologist-in-Charge, New York Hospital. (B.S. 1939, St. Peter's; M.D. 1943, Cornell. [1946; 1953])
- HORACE S. BALDWIN, *Associate Professor of Clinical Medicine*. Associate Attending Physician, New York Hospital. (B.S. 1917, Wesleyan University; M.D. 1921, Cornell. [1923; 1947])
- WILLIAM A. BARNES, *Associate Professor of Clinical Surgery*. Associate Attending Surgeon, New York Hospital. (A.B. 1933, College of the City of New York; M.D. 1937, Cornell. [1938; 1946])
- HENRY L. BARNETT, *Associate Professor of Pediatrics*. Associate Attending Pediatrician, New York Hospital. (B.S. 1938, M.D., 1938, Washington University. [1946; 1950])
- LEONA BAUMGARTNER, *Associate Professor of Public Health and Preventive Medicine*; *Assistant Professor of Clinical Pediatrics*. (A.B. 1923, M.A. 1925, Kansas; Ph.D. 1932, M.D. 1934, Yale. [1935; 1954])
- JOHN M. BEAL, *Associate Professor of Clinical Surgery*. Associate Attending Surgeon, New York Hospital. (B.S. 1937, M.D. 1941, Chicago University. [1942; 1953])
- CHARLES M. BERRY, *Associate Professor of Anatomy*. (A.B. 1938, De Pauw; M.S. 1939, Ph.D. 1941, Northwestern. [1947; 1951])
- ROY W. BONSNES, *Associate Professor of Biochemistry*; *Associate Professor of Biochemistry in Obstetrics and Gynecology*. (B.S. 1930, University of Connecticut; Ph.D. 1939, Yale. [1941; 1950])
- HARRY W. BURNETT, *Associate Professor of Radiology*. Associate Attending Radiologist, New York Hospital. (A.B. 1940, Miami University; M.D. 1943, Northwestern University. [1948; 1953])
- ANTHONY C. CIPOLLARO, *Associate Professor of Clinical Medicine (Dermatology)*. Assistant Attending Physician, New York Hospital. (B.S. 1924, Dartmouth; M.D. 1927, Columbia. [1948; 1951])
- BRADLEY L. COLEY, *Associate Professor of Clinical Surgery*. Attending Surgeon, Memorial Hospital. (A.B. 1915, Yale; M.D. 1919, Columbia. [1941; 1950])
- HERBERT CONWAY, *Associate Professor of Clinical Surgery (Plastic Surgery)*. Attending Surgeon in Charge of Plastic Surgery, New York Hospital; Visiting Surgeon, Bellevue Hospital. (M.B. 1928, B.S. 1929, M.D. 1929, M.S. 1932, University of Cincinnati. [1932; 1946])
- WILLIAM A. COOPER, *Associate Professor of Clinical Surgery*. Assistant Attending Surgeon, New York Hospital. (A.B. 1928, Stanford University; M.D. 1932, Cornell. [1934; 1946])
- NELSON W. CORNELL, *Associate Professor of Clinical Surgery*. Associate Attending Surgeon, New York Hospital. (A.B. 1918, M.D. 1921, Cornell. [1925; 1942])
- HAROLD W. K. DARGEON, *Associate Professor of Clinical Pediatrics*. Attending Pediatrician, Memorial Hospital. (M.D. 1922, Albany. [1947; 1951])
- EDWARD H. DENNEN, *Associate Professor of Clinical Obstetrics and Gynecology*. Attending Obstetrician and Gynecologist, New York Hospital. (M.D. 1919, Tufts. [1933; 1949])
- J. LOUISE DESPERT, *Associate Professor of Clinical Psychiatry*. Associate Attending Psychiatrist, New York Hospital. (A.B. 1928, Barnard; M.D. 1932, New York University. [1939; 1951])
- JOHN W. DRAPER, *Associate Professor of Clinical Surgery (Urology)*. Associate Attending Surgeon (Urology), New York Hospital; Visiting Surgeon in Charge of Urological Service, Bellevue Hospital. (A.B. 1927, Dartmouth; M.D. 1931, Cornell. [1932; 1949])

- WILLIAM H. DUNN, *Associate Professor of Clinical Psychiatry*. Associate Attending Psychiatrist, New York Hospital. (A.B. 1923, Rochester; M.D. 1927, Harvard. [1932; 1947])
- HENRY S. DUNNING, *Associate Professor of Clinical Medicine (Neurology)*. Associate Attending Physician, New York Hospital. (A.B. 1927, M.D. 1930, Cornell. [1932; 1948])
- JOHN H. ECKEL, *Associate Professor of Clinical Surgery*. Associate Attending Surgeon, New York Hospital; Associate Visiting Surgeon, Bellevue Hospital. (B.S. 1929, New York University; M.D. 1933, Cornell. [1934; 1946])
- GEORGE F. EGAN, *Associate Professor of Clinical Surgery (Dental Surgery)*. Attending Dental Surgeon in Charge, New York Hospital. (D.M.D. 1931, Harvard. [1933; 1953])
- RICHARD H. FREYBERG, *Associate Professor of Clinical Medicine*. Assistant Attending Physician, New York Hospital. (A.B. 1926, M.D. 1930, M.S. 1934, University of Michigan. [1945])
- RALPH W. GAUSE, *Associate Professor of Clinical Obstetrics and Gynecology*. Attending Obstetrician and Gynecologist, New York Hospital. (A.B. 1926, University of Texas; M.D. 1930, Harvard. [1935; 1954])
- WILLIAM J. GRACE, *Associate Professor of Clinical Medicine*. Assistant Attending Physician, New York Hospital. (B.S. 1938, St. Peter's College; M.D. 1942, Cornell. [1944; 1953])
- KRISTIAN G. HANSSON, *Associate Professor of Clinical Surgery (Physical Medicine)*. Director of Physical Medicine, New York Hospital. (A.B. 1920, M.D. 1923, Cornell. [1925; 1948])
- EDWIN T. HAUSER, *Associate Professor of Clinical Medicine*. Attending Physician, New York Hospital. (A.B. 1916, College of the City of New York; M.D. 1922, Cornell. [1925; 1949])
- EDWARD J. HEHRE, *Associate Professor of Microbiology and Immunology*. (A.B. 1934, M.D. 1937, Cornell. [1938; 1949])
- GEORGE W. HENRY, *Associate Professor of Clinical Psychiatry*. Attending Psychiatrist, New York Hospital. (A.B. 1912, Wesleyan; M.D. 1916, Johns Hopkins. [1928; 1932])
- CRANSTON W. HOLMAN, *Associate Professor of Clinical Surgery*. Attending Surgeon, New York Hospital; Director, Second Surgical Division, Bellevue Hospital. [1932; 1953]
- CARL T. JAVERT, *Associate Professor of Clinical Obstetrics and Gynecology*. Attending Obstetrician and Gynecologist, New York Hospital. (M.D. 1932, Buffalo. [1937; 1949])
- MORTON C. KAHN, *Associate Professor of Public Health and Preventive Medicine*. (B.S. 1916, Ph.D. 1924, Cornell; A.M. 1917, Columbia; ScD. 1938, Havana. [1919; 1934])
- SAMUEL F. KELLEY, *Associate Professor of Clinical Surgery (Otolaryngology)*. Attending Surgeon (Otolaryngology), New York Hospital. (M.D. 1921, University of Texas. [1926; 1954])
- AARON KELLNER, *Associate Professor of Pathology*. Associate Attending Pathologist, New York Hospital. (A.B. 1934, Yeshiva University; M.S. 1935, Columbia; M.D. 1939, University of Chicago. [1946; 1953])
- MILTON L. KRAMER, *Associate Professor of Clinical Medicine*. Associate Attending Physician, New York Hospital. (A.B. 1926, M.D. 1929, Columbia. [1935; 1953])
- ERNEST W. LAMPE, *Associate Professor of Clinical Surgery; Assistant Professor of Clinical Anatomy*. Assistant Attending Surgeon, New York Hospital; Visiting Surgeon, Bellevue Hospital. (B.S. 1920, University of Minnesota; M.D. 1923, Rush Medical School. [1941; 1953])

- HENRY D. LAUSON, *Associate Professor of Physiology; Associate Professor of Physiology in Pediatrics*. Assistant Attending Pediatrician, New York Hospital. (B.S. 1936, Ph.D. 1939, M.D. 1940, University of Wisconsin. [1950; 1951])
- ALEXANDER HAMILTON LEIGHTON, *Associate Professor of Clinical Psychiatry*. Associate Attending Psychiatrist, New York Hospital. (A.B. 1923, Princeton; M.A. 1934, Cambridge; M.D. 1936, Johns Hopkins. [1947; 1954])
- MILTON I. LEVINE, *Associate Professor of Clinical Pediatrics*. Associate Attending Pediatrician, New York Hospital. (B.S. 1923, College of the City of New York; M.D. 1927, Cornell. [1933; 1954])
- FREDERICK L. LIEBOLT, *Associate Professor of Clinical Surgery (Orthopedics)*. Attending Surgeon in Charge of Orthopedics, New York Hospital; Attending Orthopedic Surgeon, Hospital for Special Surgery. (A.B. 1925, LL.D. 1948, University of Arkansas; M.D. 1930, Washington University; Sc.D. 1937, Columbia. [1939; 1946.]
- MARY H. LOVELESS, *Associate Professor of Clinical Medicine (Allergy)*. Assistant Attending Physician, New York Hospital. (A.B. 1921, M.D. 1925, Stanford. [1939; 1948])
- E. HUGH LUCKEY, *Dean; Associate Professor of Clinical Medicine*. Associate Attending Physician, New York Hospital. (B.S. 1940, Union; M.D. 1944, Vanderbilt; Sc.D. 1954, Union. [1948; 1953])
- JOHN MACLEOD, *Associate Professor of Anatomy; Assistant Professor of Physiology*. (A.B. 1934, M.Sc. 1937, New York University; Ph.D. 1941, Cornell. [1941; 1949])
- GERVAIS W. McAULIFFE, *Associate Professor of Clinical Surgery (Otolaryngology)*. Attending Surgeon (Otolaryngology), New York Hospital. (M.D. 1920, Long Island College Hospital. [1926; 1942])
- HOWARD S. McCANDLISH, *Associate Professor of Clinical Obstetrics and Gynecology*. Attending Obstetrician and Gynecologist, New York Hospital. (M.D. 1917, University of Virginia. [1921; 1949])
- WALSH McDERMOTT, *Associate Professor of Medicine*. Attending Physician, New York Hospital. (A.B. 1930, Princeton; M.D. 1934, Columbia. [1935; 1946])
- CHARLES M. McLANE, *Associate Professor of Clinical Obstetrics and Gynecology*. Attending Obstetrician and Gynecologist, New York Hospital; Assistant Attending Radiologist (Obstetrics and Gynecology), New York Hospital. (A.B. 1924, M.D. 1928, Johns Hopkins. [1932; 1949])
- ALLISTER M. McLELLAN, *Associate Professor of Clinical Surgery (Urology)*. Attending Surgeon (Urology), New York Hospital; Attending Urologist, New York Hospital, Westchester Division. (M.D. 1924, McGill. [1932; 1948])
- VICTOR F. MARSHALL, *Associate Professor of Clinical Surgery (Urology)*. Attending Surgeon in Charge of Urology, New York Hospital; Assistant Attending Surgeon, Memorial Hospital. (M.D. 1937, University of Virginia. [1938; 1946])
- HAYES E. MARTIN, *Associate Professor of Clinical Surgery*. Attending Surgeon, Memorial Hospital. (A.B. 1911, M.D. 1917, Iowa. [1941; 1950])
- DONALD B. MELVILLE, *Associate Professor of Biochemistry*. (B.S. 1936, M.S. 1937, Ph.D. 1939, University of Illinois. [1944; 1948])
- ADE T. MILHORAT, *Associate Professor of Medicine in Psychiatry; Associate Professor of Psychiatry*. Attending Physician, New York Hospital. (A.B. 1924, Columbia; M.D. 1928, Cornell. [1933; 1951])
- WALTER MODELL, *Associate Professor of Clinical Pharmacology*. (B.S. 1928, College of the City of New York; M.D. 1932, Cornell. [1932; 1954])
- JAMES A. MOORE, *Associate Professor of Clinical Surgery (Otolaryngology)*. Attending Surgeon in Charge of Otolaryngology, New York Hospital. (B.S. 1930, Davidson College; M.D. 1934, Harvard. [1941; 1948])

- S. W. MOORE, *Associate Professor of Clinical Surgery*. Attending Surgeon, New York Hospital; Assistant Visiting Surgeon, Bellevue Hospital. (B.S. 1926, Davidson; M.D. 1930, Harvard. [1932; 1946])
- GEORGE E. MURPHY, *Associate Professor of Pathology*. Assistant Attending Pathologist, New York Hospital. (A.B. 1939, University of Kansas; M.D. 1943, University of Pennsylvania. [1953; 1954])
- CARL MUSCHENHEIM, *Associate Professor of Clinical Medicine*. Attending Physician, New York Hospital. (A.B. 1928, M.D. 1931, Columbia. [1933; 1946])
- JOSEPH N. NATHANSON, *Associate Professor of Clinical Obstetrics and Gynecology*. Attending Obstetrician and Gynecologist, New York Hospital. (M.D.C.M. 1919, McGill. [1926; 1951])
- WILLIAM F. NICKEL, JR. *Associate Professor of Clinical Surgery*. Associate Attending Surgeon, New York Hospital; Associate Visiting Surgeon, Bellevue Hospital. (A.B. 1930, M.D. 1934, Johns Hopkins. [1935; 1950])
- THEODORE W. OPPEL, *Associate Professor of Clinical Medicine*. Attending Physician, New York Hospital. (A.B. 1926, M.A. 1927, Wisconsin; M.D. 1929, Pennsylvania. [1923; 1951])
- GEORGE T. PACK, *Associate Professor of Clinical Surgery*. Attending Surgeon, Memorial Hospital. (B.S. 1920, Ohio State; M.D. 1922, Yale. [1935; 1950])
- HAROLD E. B. PARDEE, *Associate Professor of Clinical Medicine*. Associate Attending Physician, New York Hospital. (A.B. 1906, M.D. 1909, Columbia. [1917; 1926])
- HERBERT PARSONS, *Associate Professor of Clinical Surgery (Neurosurgery)*. Associate Attending Surgeon (Neurosurgery), New York Hospital; Associate Visiting Surgeon, Bellevue Hospital. (A.B. 1931, Yale; M.D. 1935, Harvard. [1938; 1954])
- RUSSELL H. PATTERSON, *Associate Professor of Clinical Surgery*. Associate Attending Surgeon, New York Hospital; Visiting Surgeon, Bellevue Hospital. (A.B. 1914, Georgia; M.D. 1918, Harvard. [1921; 1946])
- RALPH F. PHILLIPS, *Associate Professor of Radiology*. Associate Attending Radiation Therapist, Memorial Hospital. (B.S.M.B. 1928, M.S. 1930, University of London; D.M.R.E. 1933, Royal College of England. [1950; 1951])
- JULIAN R. RACHELE, *Associate Professor of Biochemistry*. (B.A. 1934, M.S. 1935, Ph.D. 1939, New York University. [1940; 1948])
- GEORGE G. READER, *Associate Professor of Clinical Medicine*. Assistant Attending Physician, New York Hospital. (A.B. 1940, M.D. 1943, Cornell. [1946; 1953])
- HENRY B. RICHARDSON, *Associate Professor of Clinical Medicine*. Attending Physician, New York Hospital, Visiting Physician, Bellevue Hospital. (A.B. 1910, M.D. 1914, Harvard. [1924; 1932])
- WALTER F. RIKER, *Associate Professor of Pharmacology*. (B.S. 1939, Columbia; M.D. 1943, Cornell. [1941; 1950])
- SIDNEY ROTHBARD, *Associate Professor of Medicine*. Assistant Attending Physician, New York Hospital. (A.B. 1931, Colgate; M.D. 1935, Rochester. [1951])
- NELSON B. SACKETT, *Associate Professor of Clinical Obstetrics and Gynecology*. Attending Obstetrician and Gynecologist, New York Hospital. (B.S. 1917, Princeton; M.D. 1923, Columbia. [1932; 1954])
- ROBERT S. SHERMAN, *Associate Professor of Radiology*. Attending Roentgenologist, Memorial Hospital. (Ph.B. 1931, Brown; M.D. 1935, Harvard. [1947; 1951])
- EPHRAIM SHORR, *Associate Professor of Medicine (Endocrinology)*. Attending Physician, New York Hospital. (A.B. 1919, M.D. 1922, Yale. [1926; 1942])
- DONALD J. SIMONS, *Associate Professor of Clinical Medicine*. Associate Attending Physician, New York Hospital; Associate Visiting Neuro-Psychiatrist, Bellevue Hospital. (A.B. 1927, Brown; M.D. 1931, Harvard. [1939; 1948])

- FRANK R. SMITH, *Associate Professor of Clinical Obstetrics and Gynecology*. Attending Obstetrician and Gynecologist, New York Hospital; Associate Attending Surgeon, Memorial Hospital. (A.B. 1917, Yale; M.D. 1921, Harvard. [1932; 1950])
- RICHMOND STEPHENS, *Associate Professor of Clinical Surgery (Orthopedics)*. Attending Surgeon (Orthopedics), New York Hospital; Attending Orthopedic Surgeon, Hospital for Special Surgery. (B.S. 1911, M.D. 1913, Columbia. [1951])
- HAROLD J. STEWART, *Associate Professor of Medicine*. Attending Physician, New York Hospital. (A.B. 1915, M.D. 1919, A.M. 1923, Johns Hopkins. [1932])
- JOHN Y. SUGG, *Associate Professor of Microbiology and Immunology*. (B.S. 1926, Ph.D. 1931, Vanderbilt. [1932; 1943])
- HENRY J. TAGNON, *Associate Professor of Clinical Medicine*. Assistant Attending Physician, New York Hospital; Associate Attending Physician, Memorial Hospital. (B.S. 1931, Liège; M.D. 1936, Brussels. [1947; 1948])
- T. CAMPBELL THOMPSON, *Associate Professor of Clinical Surgery (Orthopedics)*. Attending Surgeon (Orthopedics), New York Hospital; Attending Orthopedic Surgeon, Hospital for Special Surgery. (A.B. 1924, Rollins; M.D. 1928, Johns Hopkins; M.Sc.D. 1936, Columbia. [1951])
- ALPHONSE E. TIMPANELLI, *Associate Professor of Clinical Medicine*. Assistant Attending Physician, New York Hospital; Visiting Physician, Bellevue Hospital. (A.B. 1932, Columbia; M.D. 1936, Cornell. [1938; 1953])
- EDWARD TOLSTOI, *Associate Professor of Clinical Medicine*. Attending Physician, New York Hospital. (A.B. 1919, Yale; M.D. 1923, Cornell. [1927; 1947])
- RALPH R. TOMPSETT, *Associate Professor of Medicine*. Associate Attending Physician, New York Hospital. (A.B. 1934, M.D. 1939, Cornell. [1947; 1952])
- JANET TRAVELL, *Associate Professor of Clinical Pharmacology*. (A.B. 1922, Wellesley; M.D. 1926, Cornell. [1930; 1947])
- NORMAN L. TREVES, *Associate Professor of Clinical Surgery*. Associate Attending Surgeon, Memorial Hospital. (A.B. 1915, A.M. 1916, Wabash College; M.D. 1920, Johns Hopkins. [1948; 1953])
- LEWIS C. WAGNER, *Associate Professor of Clinical Surgery (Orthopedics)*. Attending Surgeon (Orthopedics), New York Hospital; Attending Orthopedic Surgeon, Hospital for Special Surgery. (A.B. 1916, Georgetown; M.D. 1920, Johns Hopkins. [1951])
- JAMES H. WALL, *Associate Professor of Clinical Psychiatry*. Medical Director, New York Hospital, Westchester Division. (M.D. 1927, Jefferson Medical College. [1933; 1946])
- ROBERT F. WATSON, *Associate Professor of Clinical Medicine*. Attending Physician, New York Hospital. (M.D. 1934, University of Virginia. [1946; 1950])
- BRUCE P. WEBSTER, *Associate Professor of Clinical Medicine*. Assistant Attending Physician, New York Hospital. (M.D.C.M. 1925, McGill. [1932; 1947])
- LIVINGSTON WELCH, *Associate Professor of Psychology*. (A.B. 1931, M.A. 1932, Ph.D. 1935, Columbia. [1947; 1952])
- JOHN P. WEST, *Associate Professor of Clinical Surgery*. Associate Attending Surgeon, New York Hospital. (B.S. 1927, Alabama Polytechnic Institute; M.D. 1932, Cornell. [1938; 1954])
- CHARLES H. WHEELER, *Associate Professor of Clinical Medicine*. Associate Attending Physician, New York Hospital; Assistant Attending Physician, Memorial Hospital. (B.S. 1931, Princeton; M.D. 1935, Cornell. [1936; 1953])
- WILLET F. WHITMORE, JR., *Associate Professor of Clinical Surgery (Urology)*. Assistant Attending Surgeon (Urology), New York Hospital; Assistant Attending Surgeon, Memorial Hospital. (B.S. 1938, Rutgers; M.D. 1942, Cornell. [1943; 1953])

BYARD WILLIAMS, *Associate Professor of Clinical Medicine*. Assistant Attending Physician, New York Hospital; Attending Physician, New York Hospital, Westchester Division; Visiting Physician, Bellevue Hospital. (A.B. 1926, Williams; M.D. 1930, Columbia. [1933; 1953])

ASSISTANT PROFESSORS

HAROLD B. ADAMS, *Assistant Professor of Clinical Pediatrics*. Assistant Attending Pediatrician, New York Hospital. (B.S. 1917, Columbia; M.D. 1920, Cornell. [1934; 1944])

ANDREW J. AKELAITIS, *Assistant Professor of Clinical Medicine (Neurology)*. Assistant Attending Physician, New York Hospital; Clinical Assistant Visiting Neuro-Psychiatrist, Bellevue Hospital. (A.B. 1925, M.D. 1929, Johns Hopkins. [1947])

SILVIO BAEZ, *Assistant Professor of Medicine*. (B.S. 1936, M.D. 1943, National Asuncion Medical School, Paraguay. [1948; 1952])

IRVIN BALENSWEIG, *Assistant Professor of Clinical Surgery (Orthopedics)*. Attending Surgeon (Orthopedics), New York Hospital. (B.S. 1915, College of the City of New York; M.D. 1918, Cornell. [1920; 1934])

THOMAS L. BALL, *Assistant Professor of Clinical Obstetrics and Gynecology*. Assistant Attending Obstetrician and Gynecologist, New York Hospital. (A.B. 1936, M.D. 1939, Cornell. [1948; 1953])

STANLEY J. BEHRMAN, *Assistant Professor of Clinical Surgery (Dental Surgery)*. Associate Attending Dental Surgeon, New York Hospital. (A.B. 1942, New York University; D.D.S. 1945, University of Pittsburgh. [1948; 1953])

SAMUEL R. BERENBERG, *Assistant Professor of Clinical Public Health and Preventive Medicine; Assistant Professor of Clinical Pediatrics*. Assistant Attending Pediatrician, New York Hospital. (A.B. 1931, Amherst; M.D. 1935, University of Vermont. [1947; 1951])

BEATRICE B. BERLE, *Assistant Professor of Clinical Public Health and Preventive Medicine*. (A.B. 1923, Vassar; M.A. 1924, Columbia; M.D. 1938, New York University. [1946; 1950])

LOUIS BERLIN, *Assistant Professor of Clinical Medicine (Neurology)*. (A.B. 1934, University of Illinois; M.D. 1941, Chicago Medical School. [1952; 1953])

OTTO E. BILLO, *Assistant Professor of Clinical Pediatrics*. (A.B. 1930, Williams; M.D. 1935, Harvard. [1947; 1954])

KEEVE BRODMAN, *Assistant Professor of Clinical Medicine*. (B.S. 1927, College of the City of New York; M.D. 1931, Cornell. [1938; 1950])

IRWIN D. J. BROSS, *Assistant Professor of Public Health and Preventive Medicine (Vital Statistics)*. (B.A. 1942, University of North Carolina; M.S. 1948, North Carolina State College; Ph.D. 1949, University of North Carolina. [1952])

JACOB BUCKSTEIN, *Assistant Professor of Clinical Medicine*. Visiting Roentgenologist, Bellevue Hospital. (B.S. 1911, College of the City of New York; M.D. 1915, Cornell. [1927; 1940])

KATHERINE BUTLER, *Assistant Professor of Clinical Medicine*. Assistant Attending Physician, New York Hospital; Assistant Visiting Physician, Bellevue Hospital. (A.B. 1920, Mt. Holyoke; M.A. 1926, Columbia; M.D. 1935, Cornell. [1938; 1951])

JUSTIN T. CALLAHAN, *Assistant Professor of Clinical Obstetrics and Gynecology*. Assistant Attending Obstetrician and Gynecologist, New York Hospital. (A.B. 1939, M.D. 1943, Columbia University. [1947; 1953])

FRANK G. CARPENTER, *Assistant Professor of Physiology*. (B.S. 1948, Ohio State University; Ph.D. 1951, Columbia. [1954])

HENRY A. CARR, *Assistant Professor of Clinical Medicine*. Assistant Attending Physician, New York Hospital. (A.B. 1931, Princeton; M.D. 1935, Cornell. [1947; 1950])

- ANNE C. CARTER, *Assistant Professor of Medicine*. Assistant Attending Physician, New York Hospital. (A.B. 1941, Wellesley; M.D. 1944, Cornell. [1945; 1952])
- AARON D. CHAVES, *Assistant Professor of Clinical Public Health and Preventive Medicine; Assistant Professor of Clinical Medicine*. Assistant Attending Physician, New York Hospital. (B.S. 1931, William and Mary; M.D. 1935, New York University. [1946; 1951])
- EUGENE E. CLIFFTON, *Assistant Professor of Clinical Surgery*. Assistant Attending Surgeon, New York Hospital; Clinical Assistant in Surgery, Memorial Hospital. (B.S. 1933, Lafayette College; M.D. 1937, Yale Medical School. [1938; 1953])
- CLEMENT B. P. COBB, *Assistant Professor of Clinical Pediatrics*. Assistant Attending Pediatrician, New York Hospital. (A.B. 1922, Williams; M.D. 1926, Harvard. [1934; 1944])
- JOHN R. COBB, *Assistant Professor of Clinical Surgery (Orthopedics)*. Associate Attending Surgeon (Orthopedics), New York Hospital. Attending Orthopedic Surgeon, Hospital for Special Surgery. (A.B. 1925, Brown University; M.D. 1930, Yale; Med.Sc.D. 1936, Columbia. [1951])
- EUGENE J. COHEN, *Assistant Professor of Clinical Medicine*. Assistant Attending Physician, New York Hospital. (B.A. 1933, M.S. 1934, Wisconsin; M.D. 1938, Cornell. [1940; 1952])
- JOHN T. COLE, *Assistant Professor of Clinical Obstetrics and Gynecology*. Associate Attending Obstetrician and Gynecologist, New York Hospital. (A.B. 1936, Duke; M.D. 1940, University of Maryland. [1941; 1951])
- ARTHUR D. CONSOLE, *Assistant Professor of Clinical Surgery (Neurosurgery)*. Assistant Attending Surgeon (Neurosurgery), New York Hospital. (B.S. 1937, Cornell; M.D. 1941, Cornell. [1944; 1951])
- WILLIAM COOPER, *Assistant Professor of Clinical Surgery (Orthopedics)*. Associate Attending Surgeon (Orthopedics), New York Hospital; Attending Orthopedic Surgeon, Hospital for Special Surgery. (B.S. 1929, New York University; M.D. 1933, Long Island College [1951])
- FRANK E. CORMIA, *Assistant Professor of Clinical Medicine (Dermatology)*. Assistant Attending Physician, New York Hospital. (B.S. 1926, M.D. 1930, University of Vermont. [1946; 1948])
- ROBERT L. CRAIG, *Assistant Professor of Clinical Obstetrics and Gynecology*. Associate Attending Obstetrician and Gynecologist, New York Hospital. (B.S. 1923, College of the City of New York; M.D. 1926, Cornell. [1932; 1949])
- HELEN E. DANIELLS, *Assistant Professor of Clinical Psychiatry*. Assistant Attending Psychiatrist, New York Hospital. (A.B. 1937, Barnard; M.D. 1941, Cornell. [1945; 1953])
- MARGARET DANN, *Assistant Professor of Pediatrics*. Associate Attending Pediatrician, New York Hospital. (A.B. 1923, Oberlin; M.S. 1925, Illinois; Ph.D. 1932, Cornell; M.D. 1937, Yale. [1938; 1945])
- MICHAEL R. DEDDISH, *Assistant Professor of Clinical Surgery*. Associate Attending Surgeon, Memorial Hospital. (A.B. 1933, M.D. 1937, Ohio State University, [1942; 1951])
- PAUL F. DE GARA, *Assistant Professor of Clinical Pediatrics (Allergy)*. Assistant Attending Pediatrician, New York Hospital. (M.D. 1926, University of Heidelberg; M.D. 1927, University of Padua. [1941; 1950])
- PETER G. DENKER, *Assistant Professor of Clinical Medicine (Neurology)*. Associate Visiting Neuro-Psychiatrist, Bellevue Hospital. (B.S. 1923, College of the City of New York; M.D. 1927, Cornell. [1932; 1941])
- HENRY D. DIAMOND, *Assistant Professor of Clinical Medicine*. Associate Attending Physician, Memorial Hospital. (A.B. 1941, M.D. 1944, University of Louisville. [1947; 1952])

- JAMES A. DINGWALL, III, *Assistant Professor of Clinical Surgery*. Assistant Attending Surgeon, New York Hospital; Assistant Visiting Surgeon, Bellevue Hospital. (A.B. 1936, Dartmouth; M.D. 1940, Cornell. [1941; 1946])
- SAMUEL W. DOOLEY, *Assistant Professor of Clinical Pediatrics*. Assistant Attending Pediatrician, New York Hospital. (B.S. 1934, Illinois Wesleyan University; M.D. 1938, Johns Hopkins. [1940; 1954])
- ROBERT O. DuBOIS, *Assistant Professor of Clinical Pediatrics*. Associate Attending Pediatrician, New York Hospital. (A.B. 1915, M.D. 1919, Columbia. [1923; 1940])
- HOWARD S. DUNBAR, *Assistant Professor of Clinical Surgery (Neurosurgery)*. Assistant Attending Surgeon (Neurosurgery), New York Hospital; Assistant Visiting Neurosurgeon, Bellevue Hospital. (A.B. 1941, M.D. 1944, Cornell. [1949; 1953])
- EDWARD A. DUNLAP, *Assistant Professor of Clinical Surgery (Ophthalmology)*. Assistant Attending Surgeon (Ophthalmology), New York Hospital. (B.S. 1932, Westminster; M.D. 1935, Western Reserve. [1945; 1948])
- HOWARD A. EDER, *Assistant Professor of Clinical Medicine*. Assistant Attending Physician, New York Hospital. (A.B. 1938, University of Wisconsin; M.D. 1942, M.P.H. 1945, Harvard. [1950; 1954])
- HERBERT R. EDWARDS, *Assistant Professor of Public Health and Preventive Medicine*. (M.D. 1918, College of Medical Evangelists. [1942])
- HELENE ELIASBERG, *Assistant Professor of Clinical Pediatrics*. Assistant Attending Pediatrician, New York Hospital. (M.D. 1919, University of Berlin. [1943; 1948])
- JOHN T. ELLIS, *Assistant Professor of Pathology; Assistant Professor of Pathology in Surgery*. Assistant Attending Pathologist, New York Hospital. (A.B. 1942, University of Texas; M.D. 1945, Northwestern. [1948; 1950])
- MARY A. ENGLE, *Assistant Professor of Pediatrics*. Assistant Attending Pediatrician, New York Hospital. (A.B. 1942, Baylor University; M.D. 1945, Johns Hopkins. [1948; 1954])
- RALPH L. ENGLE, JR., *Assistant Professor of Medicine*. Assistant Attending Physician, New York Hospital. (B.S. 1942, University of Florida; M.D. 1945, Johns Hopkins. [1949; 1952])
- NATHAN EPSTEIN, *Assistant Professor of Clinical Pediatrics*. Assistant Attending Pediatrician, New York Hospital. (B.S. 1922, M.I.T.; Ph. D. 1928, Columbia; M.D. 1934, Munich. [1946; 1952])
- ALBERT J. ERDMANN, JR., *Assistant Professor of Clinical Medicine*. Associate Visiting Physician, New York Hospital. (A.B. 1933, Yale; M.D. 1937, Harvard. [1940; 1953])
- HOLLON W. FARR, *Assistant Professor of Clinical Surgery*. Assistant Attending Surgeon, New York Hospital. (B.S. 1939, Yale; M.D. 1942, Harvard. [1953; 1953])
- JOSEPH H. FARROW, *Assistant Professor of Clinical Surgery*. Associate Attending Surgeon, Memorial Hospital. (B.S. 1926, M.D. 1930, University of Virginia. [1950; 1951])
- AARON FEDER, *Assistant Professor of Clinical Medicine*. Assistant Attending Physician, New York Hospital. (M.D. 1938, University of Maryland. [1941; 1950])
- GEORGE A. FIEDLER, *Assistant Professor of Clinical Surgery (Urology)*. Associate Attending Surgeon (Urology), New York Hospital. (B.S. 1923, Wisconsin; M.D. 1925, Pennsylvania. [1950])
- WILLIAM F. FINN, *Assistant Professor of Clinical Obstetrics and Gynecology*. Associate Attending Obstetrician and Gynecologist, New York Hospital. (A.B. 1936, Holy Cross; M.D. 1940, Cornell. [1942; 1948])

- ELIZABETH F. FOCHT, *Assistant Professor of Radiology (Physics)*. Associate Attending Physicist, Memorial Hospital. (A.B. 1935, Barnard. [1947; 1951])
- WILLIAM T. FOLEY, *Assistant Professor of Clinical Medicine*. Assistant Attending Physician, New York Hospital. (A.B. 1933, Columbia; M.D. 1937, Cornell. [1946; 1951])
- FRANKLIN M. FOOTE, *Assistant Professor of Public Health and Preventive Medicine*. (B.S. 1930, M.D. 1933, D.P.H. 1935, Yale. [1941])
- LEWIS M. FRAAD, *Assistant Professor of Clinical Pediatrics*. Assistant Attending Pediatrician, New York Hospital. (M.D. 1935, University of Vienna. [1945; 1949])
- JOHN E. FRANKLIN, *Assistant Professor of Clinical Pediatrics*. Assistant Attending Pediatrician, New York Hospital; Assistant Attending Pediatrician, Memorial Hospital. (B.S. 1928, Notre Dame; M.D. 1932, Harvard. [1947; 1948])
- ALAN W. FRASER, *Assistant Professor of Clinical Psychiatry in Pediatrics; Assistant Professor of Clinical Psychiatry*. Assistant Attending Psychiatrist, Assistant Attending Pediatrician, New York Hospital. (A.B. 1939, Bard College; M.D. 1943, Cornell. [1945; 1954])
- EDGAR L. FRAZELL, *Assistant Professor of Clinical Surgery*. Associate Attending Surgeon, Memorial Hospital. (A.B. 1929, M.D. 1931, University of Texas. [1950])
- CONSTANCE FRIESS, *Assistant Professor of Clinical Medicine*. Associate Attending Physician, New York Hospital. (A.B. 1928, Barnard; M.D. 1932, Cornell. [1933; 1944])
- SOLOMON GARB, *Assistant Professor of Clinical Pharmacology*. (A.B. 1940, M.D. 1943, Cornell. [1949; 1953])
- HAROLD GENVERT, *Assistant Professor of Clinical Surgery*. Assistant Attending Surgeon, New York Hospital. (D.D.S. 1932, Pennsylvania; M.D., 1936, Yale. [1937; 1950])
- WILLIAM A. GEOHEGAN, *Assistant Professor of Anatomy*. (E.E. 1929, M.D. 1941, Cornell. [1941; 1944])
- RANDOLPH GEPFERT, *Assistant Professor of Clinical Obstetrics and Gynecology*, Associate Attending Obstetrician and Gynecologist, New York Hospital. (M.D. 1929, University of Georgia. [1941; 1951])
- HELENA GILDER, *Assistant Professor of Biochemistry*; Assistant Professor of Surgery (*Biochemistry*). (A.B. 1935, Vassar; M.D. 1940, Cornell. [1947; 1953])
- WILLIAM P. GIVEN, *Assistant Professor of Clinical Obstetrics and Gynecology*. Associate Attending Obstetrician and Gynecologist, New York Hospital. (A.B. 1941, Harvard; M.D. 1944, Cornell. [1946; 1952])
- OSCAR GLASSMAN, *Assistant Professor of Clinical Obstetrics and Gynecology*. Associate Attending Obstetrician and Gynecologist, New York Hospital. (A.B. 1923, University of Utah; M.D. 1925, New York University. [1946; 1951])
- MARTIN J. GLYNN, *Assistant Professor of Clinical Pediatrics*. Associate Attending Pediatrician, New York Hospital. (A.B. 1931, Fordham; M.D. 1935, Long Island College. [1939; 1943])
- HENRY P. GOLDBERG, *Assistant Professor of Clinical Pediatrics*. Assistant Attending Pediatrician, New York Hospital. (A.B. 1932, M.D. 1936, Johns Hopkins. [1946; 1950])
- DAN M. GORDON, *Assistant Professor of Clinical Surgery (Ophthalmology)*. Assistant Attending Surgeon (Ophthalmology), New York Hospital. (B.S. 1929, M.D. 1932, Michigan. [1945; 1948])
- ARTHUR V. GREELEY, *Assistant Professor of Clinical Obstetrics and Gynecology*. Associate Attending Obstetrician and Gynecologist, New York Hospital. (B.S. 1925, Yale; M.D. 1929, Johns Hopkins. [1932; 1949])

- SIDNEY M. GREENBERG, *Assistant Professor of Clinical Medicine*. Associate Visiting Physician, Bellevue Hospital. (A.B. 1925, M.D. 1928, Cornell. [1934; 1950])
- THEODORE C. GREENE, *Assistant Professor of Anatomy*. (A.B. 1920, M.D. 1924, Harvard. [1951])
- ROGER L. GREIF, *Assistant Professor of Physiology*. (B.S. 1937, Haverford; M.D. 1941, Johns Hopkins. [1953])
- AUGUST H. GROESCHEL, *Assistant Professor of Public Health and Preventive Medicine*. (A.B. 1927, Holy Cross College; M.D. 1931, M.S. 1937, Columbia University. [1952; 1954])
- SUSAN J. HADLEY, *Assistant Professor of Clinical Medicine*. (A.B. 1941, Wisconsin; M.D. 1944, Cornell. [1946; 1952])
- WILBUR D. HAGAMEN, *Assistant Professor of Anatomy*. (B.S. 1945, Baldwin-Wallace College; M.D. 1951, Cornell. [1949; 1953])
- FRANCIS J. HAMILTON, *Assistant Professor of Clinical Psychiatry*. Associate Attending Psychiatrist, New York Hospital. (A.B. 1928, St. Joseph's College; M.D. 1933, Jefferson. [1940; 1949])
- LAWRENCE W. HANLON, *Assistant Dean; Assistant Professor of Anatomy*. (A.B. 1935, M.D. 1938, Cornell. [1946; 1948])
- JAMES Q. HARALAMBIE, *Assistant Professor of Clinical Pediatrics*. Assistant Attending Pediatrician, New York Hospital. (A.B. 1931, Oberlin; M.D. 1935, Yale. [1939; 1949])
- HELEN HARRINGTON, *Assistant Professor of Clinical Pediatrics*. Associate Attending Pediatrician, New York Hospital. (A.B., M.A. 1916, University of Denver; M.D. Johns Hopkins. [1933; 1944])
- RICHARD L. HARRIS, *Assistant Professor of Clinical Psychiatry*. (M.D. 1920, University of Georgia. [1951])
- MILTON HELPERN, *Assistant Professor of Clinical Medicine*. Associate Visiting Physician, Bellevue Hospital. (B.S. 1922, College of the City of New York; M.D. 1926, Cornell. [1931; 1940])
- NORMAN L. HIGINBOTHAM, *Assistant Professor of Clinical Surgery*. Associate Attending Surgeon, Memorial Hospital. (M.D.C.M. 1926, McGill. [1940; 1950])
- LAWRENCE E. HINKLE, JR., *Assistant Professor of Clinical Medicine*. (A.B. 1938, University of North Carolina; M.D. 1942, Harvard. [1947; 1951])
- ELLIOT HOCHSTEIN, *Assistant Professor of Clinical Medicine*. Assistant Attending Physician, New York Hospital. (A.B. 1928, Columbia; M.D. 1932, New York University. [1952; 1953])
- EVELYN HOLT, *Assistant Professor of Clinical Medicine*. Assistant Attending Physician, New York Hospital. (A.B. 1919, Wellesley; M.A. 1921, M.D. 1924, Cornell. [1926; 1952])
- GUSTAVUS A. HUMPHREYS, *Assistant Professor of Clinical Surgery (Urology)*. Assistant Attending Surgeon (Urology), New York Hospital; Associate Visiting Surgeon (Urology), Bellevue Hospital. (A.B. 1927, Princeton; M.D. 1932, Columbia. [1937; 1946])
- FREDERICK C. HUNT, *Assistant Professor of Clinical Pediatrics*. Associate Attending Pediatrician, New York Hospital. (M.D. 1924, Western Ontario. [1932; 1940])
- GERALD R. JAMEISON, *Assistant Professor of Clinical Psychiatry*. Attending Psychiatrist, New York Hospital. (M.D. 1918, Albany Medical College. [1933; 1936])
- GEORGE JASPIN, *Assistant Professor of Clinical Radiology*. Associate Attending Radiologist in Charge of School of Radiology, New York Hospital. (B.S. 1932, Columbia; M.D. 1936, Michigan. [1945; 1948])

- D. REES JENSEN, *Assistant Professor of Clinical Surgery*. Assistant Attending Surgeon, New York Hospital. (M.D. 1925, Columbia. [1928; 1949])
- DONALD G. JOHNSON, *Assistant Professor of Obstetrics and Gynecology*. Associate Attending Obstetrician and Gynecologist, New York Hospital. (B.A. 1936, Maine; M.D. 1940, Yale. [1942; 1948])
- EDMUND N. JOYNER, III, *Assistant Professor of Clinical Pediatrics*. Assistant Attending Pediatrician, New York Hospital. (B.S. 1927, Virginia Military Institute; M.D. 1932, Cornell. [1934; 1948])
- WILLIAM H. KAMMERER, *Assistant Professor of Clinical Medicine*. Assistant Attending Physician, New York Hospital; Assistant Visiting Physician, Bellevue Hospital. (B.S. 1931, M.D. 1935, University of Indiana. [1941; 1953])
- GEORGE L. KAUER, Jr., *Assistant Professor of Clinical Medicine*. Associate Visiting Physician, Bellevue Hospital. (B.S. 1933, New York University; M.D. 1937, Cornell. [1938; 1949])
- JOSEPH T. KAUER, *Assistant Professor of Clinical Surgery*. Assistant Attending Surgeon, New York Hospital; Associate Visiting Surgeon, Bellevue Hospital.
- B. H. KEAN, *Assistant Professor of Clinical Medicine (Tropical Medicine); Assistant Professor of Clinical Public Health and Preventive Medicine (Parasitology)*. Assistant Attending Physician, New York Hospital. (A.B. 1933, University of California (Berkeley); M.D. 1937, Columbia. [1952; 1954])
- LEMOYNE C. KELLY, *Assistant Professor of Clinical Medicine*. (A.B. 1924, University of Rochester; M.D. 1929, Cornell. [1935; 1954])
- ANN P. KENT, *Assistant Professor of Clinical Obstetrics and Gynecology; Assistant Professor of Clinical Public Health and Preventive Medicine*. Assistant Attending Obstetrician and Gynecologist, New York Hospital. (A.B. 1930, George Washington University; M.D. 1933, University of Maryland; M.P.H. 1939, Johns Hopkins. [1950; 1954])
- SEYMOUR G. KLEBANOFF, *Assistant Professor of Psychology*. (A.B. 1937, M.S. 1939, Yale; Ph.D. 1947, Northwestern. [1950])
- MARGARET KLUMPP, *Assistant Professor of Clinical Medicine*. Assistant Attending Physician, New York Hospital. (B.S. 1928, Tufts; M.D. 1932, Cornell. [1950; 1951])
- HEDWIG KOENIG, *Assistant Professor of Clinical Pediatrics*. Assistant Attending Pediatrician, New York Hospital. (A.B. 1918, Barnard; M.A. 1920, Columbia; M.D. 1929, Johns Hopkins. [1935; 1944])
- RICHARD N. KOHL, *Assistant Professor of Psychiatry*. Assistant Attending Psychiatrist, New York Hospital. (A.B. 1938, M.D. 1942, University of Cincinnati. [1945; 1950])
- BARBARA M. KORSCH, *Assistant Professor of Pediatrics*. Assistant Attending Pediatrician, New York Hospital. (A.B. 1941, Smith; M.D. 1944, Johns Hopkins. [1947; 1952])
- HERBERT KOTEEN, *Assistant Professor of Clinical Medicine*. Assistant Attending Physician, New York Hospital. (A.B. 1935, University of Wisconsin; M.D. 1939, Johns Hopkins. [1943; 1953])
- ELMER E. KRAMER, *Assistant Professor of Clinical Obstetrics and Gynecology*. Associate Attending Obstetrician and Gynecologist, New York Hospital. (B.S. 1935, M.D. 1938, Tulane. [1946; 1952])
- NORMAN KRETCHMER, *Assistant Professor of Biochemistry in Pediatrics*. (B.S. 1944, Cornell; M.S. 1945, Ph.D. 1947, Minnesota; M.D. 1952, New York State University. [1953])
- JOHN S. LADUE, *Assistant Professor of Clinical Medicine*. Assistant Attending Physician, New York Hospital. Associate Attending Physician, Memorial Hospital. (B.S. 1932, M.S. 1940, Ph.D. 1941, University of Minnesota; M.D. 1936, Harvard. [1947; 1948])

- MICHAEL LAKE, *Assistant Professor of Clinical Medicine*. Assistant Attending Physician, New York Hospital. (A.B. 1919, M.D. 1922, Cornell. [1926; 1953])
- NORVELLE C. LAMAR, *Assistant Professor of Clinical Psychiatry*. Associate Attending Psychiatrist, New York Hospital. (A.B. 1921, M.D. 1925, Indiana. [1932; 1942])
- ROBERT LANDESMAN, *Assistant Professor of Clinical Obstetrics and Gynecology*. Assistant Attending Obstetrician and Gynecologist, New York Hospital. (A.B. 1936, Columbia; M.D. 1939, Cornell. [1949; 1954])
- RICHARD E. LEE, *Assistant Professor of Clinical Medicine; Assistant Professor of Clinical Public Health and Preventive Medicine*. (B.S. 1939, University of Massachusetts; M.A. 1940, Ph.D. 1942, Harvard; M.D. 1947, Columbia. [1950; 1954])
- CHARLES A. LEMAISTER, *Assistant Professor of Medicine*. (A.B. 1944, University of Alabama; M.D. 1947, Cornell. [1948, 1953])
- LEON I. LEVINE, *Assistant Professor of Clinical Medicine*. Assistant Attending Physician, New York Hospital; Visiting Physician, Bellevue Hospital. (B.S. 1918, College of the City of New York; M.D. 1922, Cornell. [1924; 1939])
- ALLYN B. LEY, *Assistant Professor of Medicine*. Assistant Attending Physician, New York Hospital; Assistant Attending Physician, Memorial Hospital; Assistant Physician, Bellevue Hospital. (A.B. 1939, Dartmouth; M.D. 1942, Columbia. [1947; 1953])
- SOL S. LIGHTMAN, *Assistant Professor of Clinical Medicine*. Assistant Attending Physician, New York Hospital. (A.B. 1918, College of the City of New York; M.D. 1921, Cornell. [1943; 1947])
- MACK LIPKIN, *Assistant Professor of Clinical Medicine*. Assistant Attending Physician, New York Hospital. (B.S. 1926, College of the City of New York; M.D. 1930, Cornell. [1953])
- EDWARD J. LORENZE, III, *Assistant Professor of Clinical Medicine (Physical Medicine)*. (M.D. 1946, New York University. [1953])
- DANIEL S. LUKAS, *Assistant Professor of Medicine*. Assistant Attending Physician, New York Hospital. (A.B. 1944, M.D. 1947, Columbia. [1948; 1953])
- BERNARD MAISEL, *Assistant Professor of Clinical Surgery*. Assistant Attending Surgeon, New York Hospital. (A.B. 1936, M.D. 1940, Johns Hopkins. [1945; 1953])
- BENJAMIN E. MARBURY, *Assistant Professor of Clinical Surgery (Anesthesiology); Assistant Professor of Clinical Obstetrics and Gynecology (Anesthesiology)*. Assistant Attending Anesthesiologist, New York Hospital. (A.B. 1939, B.S. 1942, Missouri University; M.S. 1941, Louisiana State University; M.D. 1944, Washington University, St. Louis. [1948; 1953])
- KIRBY A. MARTIN, *Assistant Professor of Clinical Medicine*. Assistant Attending Physician, New York Hospital. (M.D. 1922, Washington University, St. Louis. [1927; 1953])
- ABRAHAM MAZUR, *Assistant Professor of Biochemistry in Medicine*. (B.S. 1932, College of the City of New York; M.A. 1934, Ph.D. 1938, Columbia. [1941; 1949])
- JOHN L. McCLENAHAN, *Assistant Professor of Clinical Radiology*. Assistant Attending Radiologist, New York Hospital. (A.B. 1937, Yale; M.D. 1941, University of Pennsylvania. [1949; 1953])
- RICHARD R. McCORMACK, *Assistant Professor of Clinical Medicine*. Assistant Attending Physician, New York Hospital. (A.B. 1937, Columbia; M.D. 1941, Cornell. [1946; 1953])
- FRANK J. McGOWAN, *Assistant Professor of Clinical Surgery*. Assistant Attending Surgeon, New York Hospital. (A.B. 1919, M.D. 1921, Columbia. [1932; 1950])

- FREDERICK C. McLELLAN, *Assistant Professor of Clinical Surgery (Urology)*. Assistant Attending Surgeon (Urology), New York Hospital; Attending Urologist, New York Hospital, Westchester Division. (B.S. 1929, M.D. 1933, Dalhousie; M.S. 1936, Michigan. [1941; 1948])
- GORDON P. McNEER, *Assistant Professor of Clinical Surgery*. Associate Attending Surgeon, Memorial Hospital. (M.D. 1931, University of Pennsylvania. [1950; 1951])
- ROBERT H. MELCHIONNA, *Assistant Professor of Clinical Medicine*. Assistant Attending Physician, New York Hospital. (B.S. 1929, St. John's University; M.D. 1935, St. Louis University. [1939; 1953])
- CURTIS L. MENDELSON, *Assistant Professor of Clinical Obstetrics and Gynecology*. Associate Attending Obstetrician and Gynecologist, New York Hospital. (A.B. 1934, Michigan; M.D. 1938, Cornell. [1947])
- ANNE E. MILMAN, *Assistant Professor of Biochemistry in Psychiatry*. (A.B. 1942, Adelphi College; A.M. 1945, Vassar; Ph.D. 1949, Yale. [1950; 1954])
- LAURENCE MISCALL, *Assistant Professor of Clinical Surgery*. Visiting Surgeon, Bellevue Hospital. (A.B. 1926, M.D. 1930, Cornell. [1942; 1947])
- CHARLES T. OLCOTT, *Assistant Professor of Pathology*. Associate Attending Pathologist, New York Hospital. (A.B. 1911, Princeton; M.D. 1916, Cornell. [1926; 1943])
- PHILIP OLLSTEIN, *Assistant Professor of Clinical Public Health and Preventive Medicine*. (M.D. 1927, Long Island College of Medicine. [1944; 1950])
- CHARLES H. O'REGAN, *Assistant Professor of Clinical Pediatrics*. Associate Attending Pediatrician, New York Hospital. (A.B. 1919, St. Francis Xavier; M.D. 1928, McGill. [1932; 1944])
- WARD D. O'SULLIVAN, *Assistant Professor of Clinical Surgery*. Assistant Attending Surgeon, New York Hospital. (A.B. 1938, Fordham; M.D. 1942, Cornell. [1943; 1951])
- ROBERT L. PATTERSON, *Assistant Professor of Clinical Surgery (Orthopedics)*. Associate Attending Surgeon (Orthopedics), New York Hospital; Attending Orthopedic Surgeon, Hospital for Special Surgery. (A.B. 1928, University of Georgia; M.D. 1932, Harvard. [1951])
- MARY ANN PAYNE, *Assistant Professor of Clinical Medicine*. Assistant Attending Physician, New York Hospital. (A.B. 1935, Hood; M.A. 1941, Ph.D. 1943, Wisconsin; M.D. 1945, Cornell. [1946; 1952])
- T. ARTHUR PEARSON, *Assistant Professor of Clinical Radiology*. Assistant Attending Radiologist, New York Hospital. (A.B. 1930, Gustavus Adolphus; M.A. 1934, M.D. 1935, University of Minnesota. [1948; 1949])
- NORMAN PLUMMER, *Assistant Professor of Clinical Medicine*. Assistant Attending Physician, New York Hospital; Associate Visiting Physician, Bellevue Hospital. (A.B. 1922, University of California; M.D. 1926, Cornell. [1928; 1941])
- J. LAWRENCE POOL, *Assistant Professor of Clinical Surgery*. Associate Attending Surgeon, Memorial Hospital. (B.S. 1930, Princeton; M.D. 1934, Columbia. [1948])
- CURTIS T. PROUT, *Assistant Professor of Clinical Psychiatry*. Assistant Medical Director and Clinical Director, New York Hospital, Westchester Division. (A.B. 1921, M.D. 1924, Cornell; M.S. 1930, University of Michigan. [1948; 1951])
- JOSEPH E. RALL, *Assistant Professor of Medicine*. Assistant Attending Physician, Memorial Hospital. (A.B. 1940, North Central College; M.S. 1944, M.D. 1945, Northwestern University; Ph.D. 1952, University of Minnesota. [1951; 1953])
- JOSEPH F. REILLY, *Assistant Professor of Pharmacology*. (A.B. 1937, University of Illinois; M.A. 1939, Harvard; Ph.D. 1947, University of Chicago. [1948; 1953])

- EDGAR A. RILEY, *Assistant Professor of Clinical Medicine*. Assistant Attending Physician, New York Hospital. (M.D. 1944, Columbia. [1952; 1954])
- PETER C. RIZZO, *Assistant Professor of Clinical Surgery (Orthopedics)*. Associate Attending Surgeon (Orthopedics), New York Hospital; Attending Orthopedic Surgeon, Hospital for Special Surgery. [M.D. 1926, Bellevue]
- FRED V. ROCKWELL, *Assistant Professor of Clinical Psychiatry*. Associate Attending Psychiatrist, New York Hospital. (A.B. 1931, M.D. 1936, Rochester. [1939; 1946])
- DAVID E. ROGERS, *Assistant Professor of Medicine*. (M.D. 1948, Cornell. [1950; 1954])
- GEORGE SCHAEFER, *Assistant Professor of Clinical Obstetrics and Gynecology*. Assistant Attending Obstetrician and Gynecologist, New York Hospital. (B.S. 1933, New York University; M.D. 1937, Cornell. [1951; 1954])
- JOHN G. SCHMIDT, *Assistant Professor of Clinical Surgery (Orthopedics)*. Associate Attending Surgeon (Orthopedics), New York Hospital. (A.B. 1925, Williams; M.D. 1930, Harvard. [1939; 1946])
- IRVING SCHULMAN, *Assistant Professor of Pediatrics*. Assistant Attending Pediatrician, New York Hospital. (A.B. 1942, M.D. 1945, New York University. [1950; 1954])
- JOHN F. SEYBOLT, *Assistant Professor of Anatomy*. (B.S. 1938, Yale; M.D. 1943, Cornell. [1947; 1951])
- MARY J. SHERFEY, *Assistant Professor of Clinical Psychiatry*. Assistant Attending Psychiatrist, New York Hospital. (A.B. 1940, M.D. 1943, Indiana University. [1946; 1953])
- ERWIN FLETCHER SMITH, *Assistant Professor of Clinical Obstetrics and Gynecology*. Assistant Attending Obstetrician and Gynecologist, New York Hospital. (A.B. 1924, M.D. 1928, University of Texas. [1934; 1954])
- J. JAMES SMITH, *Assistant Professor of Clinical Medicine*. Associate Visiting Physician, Bellevue Hospital. (A.B. 1934, St. Peters; M.D. 1938, Cornell [1939; 1946])
- CHARLES T. SNYDER, *Assistant Professor of Clinical Obstetrics and Gynecology*. Associate Attending Obstetrician and Gynecologist, New York Hospital. (M.D. 1921, New York University. [1927; 1954])
- STUART S. SNYDER, *Assistant Professor of Clinical Surgery (Ophthalmology)*. Assistant Attending Surgeon (Ophthalmology), New York Hospital. (B.Sc. 1941, York College; M.D. 1944, University of Nebraska. [1947; 1951])
- RICHARD B. STARK, *Assistant Professor of Clinical Surgery (Plastic Surgery)*. Assistant Attending Surgeon (Plastic Surgery), New York Hospital. (A.B. 1936, Stanford; M.D. 1941, Cornell. [1950; 1952])
- ISRAEL STEINBERG, *Assistant Professor of Clinical Medicine; Assistant Professor of Clinical Radiology*. Assistant Attending Physician, New York Hospital; Assistant Attending Radiologist (Angiocardiography), New York Hospital. (B.S. 1924, M.D. 1928, Harvard. [1940; 1949])
- LEE R. STRAUB, *Assistant Professor of Clinical Surgery (Orthopedics)*. (A.B. 1940, Fordham; M.D. 1943, Cornell. [1951; 1954])
- WILLIAM D. STUBENBORD, *Assistant Professor of Clinical Medicine*. Assistant Attending Physician, New York Hospital; Associate Visiting Physician, Bellevue Hospital. (B.S. 1927, Wesleyan University; M.D. 1931, Cornell. [1933; 1953])
- ARTHUR M. SUTHERLAND, *Assistant Professor of Clinical Medicine*. Assistant Attending Physician, New York Hospital. (A.B. 1932, Yale; M.D. 1936, Columbia. [1937; 1951])
- JOHN E. SUTTON, *Assistant Professor of Clinical Surgery*. Assistant Attending Surgeon, New York Hospital; Associate Visiting Surgeon, Bellevue Hospital. (A.B. 1915, A.M. 1917, M.D. 1920, Cornell. [1923; 1950])

- ROY C. SWAN, *Assistant Professor of Physiology*. (A.B. 1941, M.D. 1947, Cornell. [1948; 1953])
- JOHN H. TRAVIS, *Assistant Professor of Clinical Psychiatry*. (M.B. 1911, University of Toronto. [1941; 1945])
- RICHARD C. TROUTMAN, *Assistant Professor of Clinical Surgery (Ophthalmology)*. (A.B. 1943, M.D. 1945, Ohio State University. [1951; 1954])
- FRANCIS P. TWINEM, *Assistant Professor of Clinical Surgery (Urology)*. Associate Attending Surgeon (Urology), New York Hospital. (A.B. 1917, Wooster College; M.A. 1919, Princeton; M.D. 1925, Harvard. [1950])
- WILLIAM L. WATSON, *Assistant Professor of Clinical Surgery*. Attending Surgeon, Memorial Hospital. (A.B. 1922, M.D. 1925, Cornell. [1940; 1950])
- WILLIS M. WEEDEN, *Assistant Professor of Clinical Public Health and Preventive Medicine*. Assistant Attending Surgeon, New York Hospital. (A.B. 1916, M.D. 1919, Cornell. [1922; 1950])
- ARTHUR WEIDER, *Assistant Professor of Psychology (Social Psychiatry)*. (A.B. 1940, Ph.D. 1946, New York University; M.A. 1941, Columbia. [1942; 1953])
- EXIE E. WELSCH, *Assistant Professor of Clinical Psychiatry*. Assistant Attending Psychiatrist, New York Hospital. (B.S. 1930; M.D. 1932, University of Indiana. [1949])
- LOUIS E. WEYMULLER, *Assistant Professor of Clinical Pediatrics*. Assistant Attending Pediatrician, New York Hospital. (B.Sc. 1923, M.D. 1925, University of Nebraska. [1936; 1949])
- MARJORIE A. WHEATLEY, *Assistant Professor of Clinical Pediatrics*. Assistant Attending Pediatrician, New York Hospital. (A.B. 1919, Vassar; M.D. 1929, Columbia. [1931; 1945])
- STEPHEN WHITE, *Assistant Professor of Clinical Radiology*. Associate Attending Radiologist, New York Hospital. (B.S. 1920, College of the City of New York; M.D. 1924, Cornell. [1931; 1944])
- HOMER C. WICK, JR., *Assistant Professor of Public Health and Preventive Medicine*. (M.D. 1945, Johns Hopkins; M.P.H. 1949, Harvard. [1952; 1953])
- HAROLD N. WILLARD, *Assistant Professor of Public Health and Preventive Medicine*. (A.B. 1939, Yale; M.D. 1943, Johns Hopkins. [1951])

General Statement

HISTORY

CORNELL UNIVERSITY Medical College was established by the Board of Trustees of Cornell University on April 14, 1898, when they elected Dr. William M. Polk Director of the College and Dean of the Medical Faculty and appointed six professors. The Medical College was made possible by the munificence of Colonel Oliver H. Payne, who provided the funds for the erection of the original building, located at 28th Street and First Avenue, and who pledged his support to the new institution. For several years he provided funds for the annual support of the college and later placed the institution on a secure foundation by making generous provision for its permanent endowment by a gift of over four million dollars.

In October, 1898, instruction began in temporary quarters. As the Medical College admitted a number of students to advanced standing, Cornell University granted the degree of Doctor of Medicine for the first time in 1899.

The Cornell University Medical College from its foundation has undertaken to carry out two allied activities: the development of physicians of the best type and the extension of medical knowledge by means of research. The Medical Faculty has held from the beginning of its existence the attitude that these two functions are necessary as constituting a true university school. It is committed not only to conduct teaching of high order but also to study disease and the sciences underlying medicine with the purpose of adding to medical knowledge.

THE NEW YORK HOSPITAL-CORNELL MEDICAL COLLEGE ASSOCIATION

The Cornell University Medical College and the New York Hospital have been cooperating for a long time in an arrangement for medical teaching. In September, 1932, however, the two institutions took up occupancy in the same plant.

The New York Hospital was founded by Royal Charter on June 13, 1771, in the reign of King George III, and has stood throughout the life of the nation as one of the foremost hospitals in the United States, as an institution rendering service to the sick and injured, and as a center of medical education. For a number of years the Hospital and the Medical College had been partially affiliated. In June, 1927, an agreement was entered into between Cornell University and the New York Hospital by which the New York Hospital-Cornell Medical College Association was formed for the purpose of bringing together their facilities and cooperating in the care of patients, in medical education, and in medical research. In order to harmonize the interests of the Hospital and of the Medical College, the Joint Administrative Board was formed, consisting of three representatives of each institution and a seventh member elected by the Hospital and by the University.

Additional endowment was secured by each institution. A group of buildings was erected along the East River between 68th and 71st Streets, adjoining the Rockefeller Institute for Medical Research. The new plant affords separate buildings for each of the various laboratory departments and includes approximately 1,182 hospital beds. Provision is made for medicine, surgery, obstetrics and gynecology, pediatrics, and psychiatry in five distinct clinical units.

The Faculty of the Medical College and the professional staff of the Hospital are organized so as to form one body established on a university basis.

The new plant affords very favorable conditions for the conduct of

medical education, for the pursuit of medical research, and for the care of patients in all phases of medical practice.

FACILITIES FOR INSTRUCTION

From the point of view of medical instruction, the facilities provided by the plant of the New York Hospital-Cornell Medical College Association are in many respects unexcelled. The plant consists of eleven buildings, joined either directly or by underground passages. These provide ample accommodations for the care of hospital patients, for the teaching of the clinical branches, and for the various activities connected with the work of the preclinical departments of the medical college.

CORNELL MEDICAL COLLEGE. Instruction in the medical sciences is conducted in a group of buildings extending along York Avenue from 68th to 70th Streets, centering in a court at the end of 69th Street where the entrance to the Medical College is located. This group comprises four units facing on York Avenue, each of which is five stories high. The extreme northern and southern buildings connect with the central group by means of two-story structures. In this series of buildings the one to the north (unit A) is devoted entirely to the department of anatomy; the one next to this on the south (unit B) to bacteriology and immunology; the third (unit D) to physiology; the fourth (unit E) to biochemistry and pharmacology. A seven-story building (unit C) joins the buildings B and D in the center, and in this are the offices of the Medical College, the library, and the department of pathology. This central building of the College is joined on all floors with the central hospital building. Certain of the laboratories of the department of public health and preventive medicine are located in the two-story building which adjoins the bacteriology unit to the north, but the major part of this department is comprised in the Kips Bay-Yorkville Health Center building of the City of New York, located half a block west from the Medical College on 69th Street.

In the main buildings of the Medical College, student laboratories and lecture rooms are provided on the second and third floors, and extensive facilities for research by staff and students are available on other floors. Locker rooms are provided for the use of students. A cafeteria under the direction of the chief dietitian of the New York Hospital is maintained for students and Faculty.

NEW YORK HOSPITAL. Clinical instruction is given in the five separate clinics forming the New York Hospital. The medical and surgical clinics occupy the central hospital building, while the women's clinic, the pediatric clinic, and the psychiatric clinic extend from north to south, overlooking the East River. Each clinic contains, besides provision for bed patients, its own out-patient department, lecture rooms, and laboratories for routine study and for clinical research. Special provision

has also been made for the laboratory work of students. The medical clinic occupies the second to fourth floors of the central hospital building, with six pavilions for bed patients, three floors for its outpatient department, and extensive laboratories for chemical, physiological, and biological research. The surgical clinic occupies the pavilions from the fifth to the ninth floor, with outpatient and other facilities for the various surgical specialists. The operating rooms are on the tenth and eleventh floors. Above are six floors containing one hundred rooms for private patients, while the living quarters for the resident staff are on the six floors at the top of the building. The entire hospital has a capacity of approximately 1,182 beds.

The head of each clinic, responsible for the care of patients and the conduct of professional services of the hospital, is also professor in charge of the corresponding department of the Medical College. Each clinical department is staffed in part by teachers and clinicians, including the professor in charge, who devote their entire time to the service of the College and Hospital, while other members of these departments devote part of their time to private practice.

OTHER HOSPITALS FOR CLINICAL INSTRUCTION

Although the clinical teaching is conducted largely in the New York Hospital, advantage is also taken of special facilities afforded by other hospitals. In some of these hospitals the staff appointments are controlled by the Medical College, while in others the teaching privileges have been granted to the members of the staffs who are also members of the Medical College Faculty.

BELLEVUE HOSPITAL. Bellevue is the central hospital of the New York City Department of Hospitals. It contains 3,325 beds and is devoted to the treatment of acute diseases. It is organized in four divisions, one of which has been placed at the disposal of the Faculty of Cornell University Medical College for medical instruction. The services conducted by the College include a medical service and a surgical service, each of 90 beds, a urological service and a neurological service of approximately 60 beds. The staffs of these services are nominated by the College from among the members of its Faculty and teaching staff, and the Medical College is responsible for the professional conduct of these services.

HOSPITAL FOR SPECIAL SURGERY. In the near future the Hospital for Special Surgery will occupy its new building adjacent to the New York Hospital and will be an affiliated institution within the New York Hospital-Cornell Medical Center. Professionally, the Hospital for Special Surgery will become, in effect, the orthopedic service of the New York Hospital.

MEMORIAL HOSPITAL. Through the generosity of the late Dr. James Douglas, who provided the hospital with an endowment for the study and treatment of cancer and allied diseases, the Memorial Hospital became affiliated in 1914 with Cornell University Medical College. The agreement between the Memorial Hospital and the College requires that the professional staff be named by the Council of the Medical College subject to the approval of the board of managers of the hospital. The facilities of the hospital, which are of exceptional value in the field of cancer, are available for study in this field by the members of the hospital staff, and unusual opportunities are afforded for instruction in the pathology, diagnosis, and treatment of neoplastic diseases.

MANHATTAN STATE HOSPITAL (WARD'S ISLAND). This hospital for the care and treatment of mental diseases accommodates over 5,000 patients. Through the courtesy of the superintendent, the department of psychiatry is enabled to utilize this clinical material for bedside study of patients and for the instruction of students.

WILLARD PARKER HOSPITAL. Instruction in infectious diseases is conducted at the Willard Parker Hospital, where staff positions are held by members of the Faculty and teaching staff who have the privilege of conducting medical instruction.

LINCOLN HOSPITAL. This unit of the New York City Department of Hospitals has a bed capacity of 469 and facilities for handling cases in all divisions of clinical work. Through cooperative arrangements made possible by members of our teaching staff holding assignments on the hospital staff, a certain part of the teaching of medicine in the second year course is carried out on the wards of Lincoln Hospital. The abundance of clinical material and the type of disease met with in this institution afford a valuable adjunct to the work in this part of the medical course.

THE RUSSELL SAGE INSTITUTE OF PATHOLOGY

The Institute has been associated with Cornell University Medical College since 1913. At first it was affiliated with the Second Medical (Cornell) Division of Bellevue Hospital, but since 1932 it has been in the New York Hospital. The Institute has supported work in metabolism which has been conducted by the members of the departments of medicine and physiology. The respiration calorimeter which was operated for a number of years by Dr. DuBois at Bellevue Hospital has been transferred by the directors of the Institute to the New York Hospital, and sufficient funds have been provided for carrying on the important metabolic studies by members of the staff. The medical director of the Institute is Dr. David P. Barr, Professor of Medicine.

THE LOOMIS LABORATORY

Founded in 1886 and located at 414 East 26th Street, this institution served the purpose of undergraduate instruction in the Medical College and provided facilities for original research in the various departments of laboratory investigation. The present Medical College building contains space dedicated to the original Loomis Laboratory and its established objectives.

THE LIBRARY

The reading room of the library is situated on the second floor of the central group of laboratory buildings, directly over the entrance of the Medical College. The current journals are kept in racks around three sides of the room. The book stacks are directly behind and open to the reading room, extending down to the subbasement with six floors of stacks and accommodations for about 100,000 volumes. There are also a library seminar room and several rooms for the library staff.

The library contains at present over 41,000 volumes, largely made up of complete sets of important journals in the fields of clinical medicine and the medical sciences, in English, German, and French. There are also well-selected collections of monographs, textbooks, and reprints.

Several of the departments of the Medical College have libraries containing journals, monographs, and textbooks pertaining especially to the subject matter of the departments. These serve to supplement in a useful way the scope of the main library.

The library is under the direction of a committee of the Faculty and in charge of a trained librarian who gives instruction to students on the proper methods of using the library and of searching medical literature.

A special fund, maintained in memory of Alfred Moritz Michaelis, M.D. 1925, Cornell, who died the year after his graduation, is used for the purchase of books of cultural and historic values in medicine.

In addition to the college library, students may obtain certain privileges at the library of the New York Academy of Medicine, Fifth Avenue and 103rd Street, the second largest medical library in the United States.

Requirements for Admission and Graduation

THE FACULTY of Cornell University Medical College, in defining the qualifications for admission to the medical profession, attaches particular importance to the liberal culture and general education implied by the acquisition of a college degree. Because of the acceleration of college training under the Army and Navy programs during the war, the degree requirement was suspended. A return to the college degree as a prerequisite for acceptance has now been adopted by Faculty and Trustee action, and only the following candidates for the degree of Doctor of Medicine will be admitted to Cornell Medical College.

1. Graduates of approved colleges or scientific schools; or
2. Seniors in good standing in Cornell University or in any other approved college or scientific school whose faculty will permit them to substitute the first year of the professional course for the fourth year in arts and sciences, and who will confer upon them the Bachelor's degree upon the satisfactory completion of the first year of the course in the Cornell University Medical College. Students from institutions other than Cornell University seeking admission under this clause must have a statement from the Dean of their college signifying approval of this plan for fulfilling the requirements for the degree. Any student failing to receive his degree under this arrangement will not be admitted to the second year of the medical course.
3. Persons who, while not possessing a Bachelor's degree, give evidence by examination that they have acquired an equivalent education and a training sufficient to enable them to profit by the instruction offered in the Medical College. This rule is intended to apply to students of foreign universities.

The basic premedical requirements which all students must fulfill to qualify for admission to the study of medicine in New York State are set forth in the "Regulations of the Commissioner of Education," the pertinent part of which is as follows: "A candidate shall present evidence of having satisfactorily completed two years of study toward a liberal arts degree registered by the Department; or its equivalent as determined by the Commissioner. The required two years of college study shall include at least 6 semester hours each in English, physics, biology or zoology, and general chemistry, and 3 semester hours in organic chemistry."

Although the requirements outlined above form the basis of eligibility for admission to the medical course, they should be considered as representing the irreducible minimum. The list contains a total of twenty-seven credit points which probably represents sufficient time to enable the student to obtain a basic preparation in these different fields. In many colleges, however, additional credits in one or more of these departments are required of the candidate in order to satisfy major requirements for the degree. In making the choice of elective courses, consideration should be given to the principle that thorough training in the sciences is essential. On the other hand, choosing too many elective courses in these departments may not provide the most acceptable preparation for medicine, since it tends to limit the time available for study in other departments offering work of a broad educational value. Students planning to study medicine should bear in mind that bacteriology, immunology, human physiology, and abnormal psychology are properly subjects of the medical and not of the premedical curriculum. In planning premedical work students are advised to elect subjects which will lay a broad foundation for medical study rather than to anticipate courses required as a part of the medical curriculum.

Each year the Admissions Committee selects an entering class of approximately 83 students from a group of more than 1,500 applicants. The members of the committee are keenly aware of their serious responsibility in selecting students who have the native ability, traits of character, soundness of personality, and adequate financial responsibility that will enable them to finish satisfactorily their course in the Medical College. A serious obligation to society is also acknowledged by a medical school. It must graduate only those persons who can be expected, with reasonable certainty, to do creditable work in some field of medicine after graduation. The Admissions Committee selects from all applicants those who seem best to fulfill such requirements.

In selecting a relatively small class from a large group of well qualified applicants, the Committee is mindful of the sound and liberal traditions of Cornell University. They attempt to select well qualified students with varied backgrounds—from various geographic areas, from different socioeconomic groups, and from varying types of educational institutions. As to grade averages, the Committee needs to satisfy itself that the applicant's scholastic record, both as to courses taken and grades received, gives reasonable assurance that the individual can do the medical curricular work without undue difficulty. Grading systems vary so much from school to school that no specific grade can be categorically stated as minimally acceptable. To be accepted for admission a student must have a satisfactory scholastic record. Beyond that, grades are considered less important than the personal attributes—emotional stability, sound character, healthy personality, intellectual maturity, strong motivation, and ability to cooperate. The Medical College Admission Test results are



NEW YORK HOSPITAL — CORNELL MEDICAL COLLEGE

From the East showing Hospital



NEW YORK HOSPITAL — CORNELL MEDICAL COLLEGE

From the West showing Medical College

ADMISSION TO ADVANCED STANDING

When vacancies occur, students may be admitted to advanced standing.

Application for a place in one of the upper classes should be filed according to the procedure described for admission to the first year class. Accepted applicants are required to make the deposit of \$50. Applicants must not only furnish acceptable evidence of having satisfactorily completed in an approved medical school all of the work required of students of the class they wish to enter, but also of having completed the conditions of admission to the first year class at Cornell University Medical College. They must present a certificate of honorable dismissal from the medical school or schools they have attended, and they may be required to take examinations in any of the medical courses taken at another school.

Although a certain number of students are regularly admitted from other institutions to enter the third year class at Cornell University Medical College, rarely have there been acceptances made of students to enter the fourth year on the basis of work at another medical school. Candidates seeking admission to the fourth year are required to come before the clinical departments for a thorough examination before final action is taken on their applications.

Persons who have received the degree of Doctor of Medicine at another institution will not be accepted as candidates for this degree at Cornell University Medical College. Likewise, persons who have finished all or part of the course in dentistry and seek a transfer to medicine are discouraged from making application here since Cornell does not have a department of dentistry and makes no provision for adapting the teaching in this subject to the medical curriculum.

ADVANCEMENT AND EXAMINATION

The entire medical curriculum is arranged in four courses, or academic years, and the student advances in steps of an academic year at a time. It is necessary that he complete all the subjects listed in a given academic year before taking up the next succeeding group of subjects, and to be *readmitted* to the Medical College in one of the advanced years (second, third, or fourth) he must be approved for promotion by the Faculty.

Any student who by quality of work or conduct indicates an unfitness to enter the profession of medicine may, at the discretion of the Faculty, be required at any time to withdraw from the Medical College.

At the close of the academic year examinations are given in all subjects except those extending through a part of the year only, in which examinations may be held at the close of the course in the hours allotted thereto. In making up a student's rating in a given course, all work covered in that subject during the year is taken into account, and due weight is assigned to the effort he puts in his work, his seriousness of purpose,

and his scholastic resourcefulness, as well as the results of the final examination.

A final rating is made for each student at the end of the academic year, based on the results of his performance in all courses in the curriculum of that year. These final ratings of students are made on the recommendations of the Committee on Promotion and Graduation; then they are reviewed and formally acted on by the Faculty. The Faculty ratings classify all students of the medical course under one of four groups as follows:

1. Students with no encumbrances in any subject are recorded as "passed." This rating confers eligibility for readmission into the Medical College in the next higher class, unless by reason of conduct the Faculty considers the student unsuited for the medical profession.

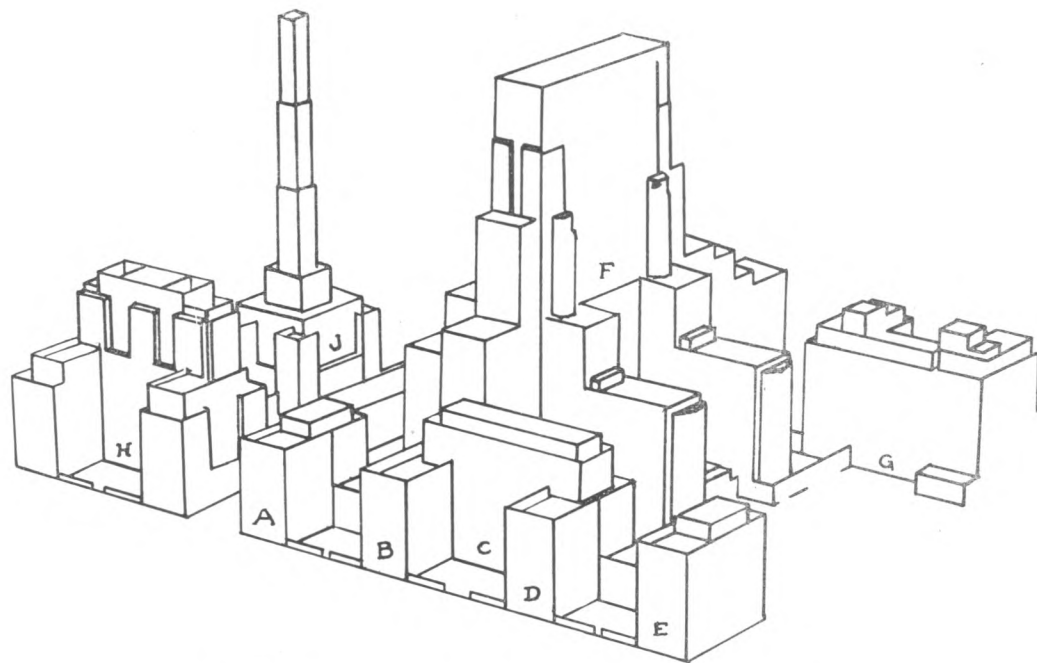
2. Students with an unsatisfactory rating in 40 per cent or more of the required hours in a given year are recorded as "not passed." A rating of "not passed" carries ineligibility for readmission into the Medical College.

3. Students with an unsatisfactory rating in less than 40 per cent of the required hours of a given year are recorded as "conditioned." A "conditioned" student has failures in certain required courses, and he may be reexamined in these subjects, but only after pursuing additional work under the direction of the head of the department in which a failure has occurred. Students who fail on reexaminations are ineligible for readmission into the Medical College, unless under special circumstances they are permitted by the Faculty to repeat courses in which their work is deficient.

4. Students with uniformly low grades in most subjects of the course for two years or more are subject to special review by the Faculty, and any student with a record of this kind may be deemed unqualified to enter the medical profession. A rating in this group carries ineligibility for readmission into the Medical College.

It is a well established policy of the Medical College to make no announcement to students of grades received in any subject of the medical course. At the close of each academic year, however, students are informed of the quarter of the class in which their weighted average score places them in the order of class standing.

A transcript of the Medical College record of a student or graduate will be mailed on his request to accredited hospitals and to educational or other well recognized institutions as credentials in support of his application for a position or promotion. All transcripts are marked "confidential" and carry the instructions that they are not to be turned over to the candidate. This ruling is for the purpose of avoiding possible loss and fraudulent use of an official document of the Medical College. The Medical College makes no charge for sending out transcripts of record.



KEY TO THE PHOTOGRAPH ON THE OPPOSITE PAGE

- | | | |
|----------------------------------|-----------------------------------|--------------------------------------|
| A: Anatomy. | D: Physiology. | G: Payne Whitney Psychiatric Clinic. |
| B: Bacteriology and Immunology. | E: Biochemistry and Pharmacology. | H: Nurses' Residence. |
| C: Administration and Pathology. | F: New York Hospital. | J: Service and Power. |

helpful in appraising an applicant's academic ability. No one pattern of extracurricular activities is considered more meritorious than another. The Admissions Committee looks at each applicant as a total individual, insofar as that is possible with the information obtainable. Those applicants are considered acceptable who have the qualities, abilities, and capabilities considered necessary in a person who hopes to become a physician. Eligibility for admission is determined without regard for race, creed, color, religion, or national origin. Admission policies are in conformity with the policy of the state in regard to the American ideal of equality of opportunity as embodied in the Education Practices Act.

As a general rule the courses given in professional schools of pharmacy, veterinary medicine, optometry, agriculture, and the like are not considered as fulfilling adequately the admission requirements.

APPLICATIONS FOR ADMISSION

All requests for application forms and inquiries regarding dates for submitting applications should be addressed to the Committee on Admissions, 1300 York Avenue, New York City. In making application for admission, the regular form issued for this purpose must be filled out and submitted to the Office of Admissions. Candidates are accepted for only one class in advance. With the large number of students making application in recent years, it has been necessary to assign a definite period for distributing application forms. For a class entering in September of a certain year, the application forms may be obtained on request beginning September 1 of the previous year. Applications should be completed during the fall, and no application will be accepted after January 15. A charge of \$5 is made for submitting an application. This fee should be made payable to Cornell University Medical College in the form of a check or money order and *is not returnable*.

Applications are passed upon by the Committee on Admissions after all credentials have been filed. As soon the Committee takes favorable action upon an applicant, a letter of acceptance is immediately forwarded to him, and the accepted applicant is required to make a deposit of \$50 within a specified time. This deposit is not returnable but is credited toward the first tuition payment. If the accepted student fails to make the deposit in the stipulated time, he forfeits his place on the class roll.

It is impossible for the Committee on Admissions to hold personal conferences with all candidates for admission as the number is too great, but selected individuals from the group of applicants receive an invitation to appear before members of the Committee.

A student who has previously attended another medical school and has been dropped for poor scholarship or unfavorable conduct is not an acceptable candidate for admission to any class in Cornell Medical College. It is inadvisable, therefore, for one with this background to go through the formality of submitting an application.

REQUIREMENTS FOR GRADUATION

The candidates for the degree of Doctor of Medicine must have attained the age of twenty-one years and be of good moral character.

They must have completed successfully four full courses of at least eight months each as regular matriculated medical students, the last of which must have been in Cornell University Medical College. They must have satisfactorily completed all the required work of the medical curriculum and must have passed all prescribed examinations. At the end of the fourth year every student who has fulfilled these requirements will be recommended to the President and Trustees of Cornell University for the degree of Doctor of Medicine.

EXAMINATIONS FOR MEDICAL LICENSURE

Graduates of Cornell University Medical College are admitted unconditionally to the examinations for license to practice medicine in all states of the United States.

Students and graduates of Cornell University Medical College are admitted to the examinations of the National Board of Medical Examiners, whose certificate is recognized by the respective authorities of England, Scotland, and Ireland. Although national in scope and organized under the laws of the District of Columbia, the National Board of Medical Examiners is not to be confused with a federal government agency. For information write to the National Board of Medical Examiners, 133 South 36 Street, Philadelphia 4, Pa.

General Information

FEES AND EXPENSES

ALL FEES for instruction and other charges are paid at the Business Office of the Medical College, Room F-106, 1300 York Avenue, New York 21, N.Y.

Veterans receiving federal or state educational benefits are required to report to the Veterans Affairs Office, Room A-131, immediately after registering.

The Board of Trustees of Cornell University reserves the right to change the schedule of fees of the Medical College when deemed expedient.

APPLICATION FEE

A charge made for reviewing an application \$ 5.00

ACCEPTANCE DEPOSIT \$50.00

Each student admitted is given notice of favorable action on his application and a limited time (usually two weeks) in which to decide if he will enroll in the entering class. His name is not placed on the class list until the acceptance fee is paid. The fee is credited toward the tuition charge and is not returnable if the student fails to enter.

MATRICULATION FEE (payable only once) \$ 10.00

TUITION FEE, for academic year \$900.00

This charge is payable at the beginning of the academic year, or in three equal parts, the first of which must be made at registration. For fourth year students in the academic year of 1954-55, the first installment will be due on or before September 16. No refund or rebate will be made in any instance.

STUDENT HOSPITALIZATION INSURANCE, for calendar year \$19.20

This insurance is carried through the Associated Hospital Service (Blue Cross plan) and may be extended to wives and families of married students at additional cost. This compulsory insurance plan assures a limited period of care to all students during the time they are members in good standing in the Medical College.

BREAKAGE DEPOSIT \$10.00

This deposit is required of first and second year students at the beginning of each academic year and will be returned, less the amount charged for breakage, at the end of the second year.

GRADUATION FEE \$25.00

This charge is payable two months before graduation.

BOOKS AND INSTRUMENTS, EXCLUSIVE OF MICROSCOPES

The average cost is approximately \$135 a year, distributed as follows: first year, \$150; second year, \$215; third year, \$125; fourth year, \$50.

MICROSCOPES

Each student is required to provide himself with a microscope of an approved type. The College Book Store handles all makes, and students placing their orders here are given every consideration in the purchase price on the instrument they select.

RESIDENCE AND LIVING EXPENSES

F. W. Olin Hall, student residence, will be completed for occupancy in September, 1954. This building was made possible by a generous gift from the Olin Foundation. The residence is located on York Avenue at 69th Street, directly across the street from the Medical College entrance. It will contain a gymnasium, snack bar, lounge rooms, and 281 residence rooms. Each residence room is furnished as a single bedroom-study, but, since each two rooms have a connecting bath, they may be used as a suite for two students if desired. The rooms are completely furnished, and linen service is provided. It is anticipated that rental will be \$35 per month. One floor is reserved for women students, and nonhouse-keeping facilities for married students will be available.

STUDENT HEALTH SERVICE

Members of the first year class and students transferred to advanced standing from other colleges are required to have a physical examination by a member of the Student Health Staff. In addition, each student in the Medical College must report once a year for an X-ray examination of the lungs. All members of the fourth year class are called for a reexamination, and a careful check of the findings is made with those presented at the time the student entered. Students pay no fee for the yearly X-ray examination, nor for the services of the Student Health Staff, but they are charged for any special X-ray studies. Office hours are held from twelve to two o'clock daily by the Student Health Staff. Health records are kept and students advised concerning their physical condition and general health. All cases of illness must be reported to

the College office. Students may have in attendance physicians of their own choice, but a reasonable amount of cooperation between such physicians and the College's Health Service is expected.

PRIZES

1. *FOR GENERAL EFFICIENCY.* In commemoration of John Metcalfe Polk, an instructor in this college who was graduated from Cornell University Medical College June 7, 1899, and died on March 29, 1904, prizes will be presented at each commencement to the three students having the highest standing for the four years' work. Only those who have taken the full course of study at Cornell University Medical College are eligible. The first prize is \$250, the second \$100, and the third \$50.

2. *FOR EFFICIENCY IN OPHTHALMOLOGY.* Two prizes, the first of \$50, and the second of \$25, are offered by Professor Bernard Samuels to the two students of the graduating class who make the best records in ophthalmology.

3. *FOR EFFICIENCY IN OTOLARYNGOLOGY.* Two prizes, the first of \$50, and the second of \$25, are offered by members of the staff of otolaryngology to the two students of the graduating class who make the best record in this specialty.

4. *FOR EFFICIENCY IN OBSTETRICS.* Two prizes, the first of \$50, the second of \$25, have been endowed by an anonymous donor in recognition of the work of Dr. Gustav Seeligman, in obstetrics, to be given to the two students of the graduating class who have made the best records in obstetrics.

5. *FOR EFFICIENCY IN GENERAL MEDICINE.* The income from \$1,000 is offered as a prize for general efficiency in the department of medicine, in commemoration of Alfred Moritz Michaelis, who was graduated from Cornell University Medical College on June 11, 1925, and who died during his internship at Mt. Sinai Hospital, April 24, 1926. Presented at each commencement to a member of the graduating class who has pursued the full course at Cornell University Medical College.

6. *THE MARY ALDRICH FUND.* In memory of William Mecklenburg Polk, M.D., LL.D., first dean of the Medical College, two prizes are offered for proficiency in research to regularly matriculated students of the Cornell University Medical College, the first of \$150, and the second of \$50. Members of all classes are eligible for these prizes.

The awards are made at the end of each academic year for the best report presented in writing of research work done by students, or for valuable reviews and logical presentations on medical subjects not to

be found fully considered in a single text or reference book. If the papers submitted are not considered worthy of special commendation the prizes will be withheld.

Papers are submitted in quadruplicate in a sealed envelope marked "Dean William Mecklenburg Polk Memorial Prize Committee" and must be in the Administration Office not later than three weeks prior to the end of each academic year.

The committee of awards for this prize consists of two members of the Faculty from laboratory departments and two from clinical departments.

For 1954 the William Mecklenburg Polk Prize awards for research were: first prize: Nancy C. Arnold; second prize: Ralph C. Williams, Jr. and David H. Law, IV.

7. *THE WILLIAM C. THRO MEMORIAL FUND.* Established in memory of William C. Thro of the class of 1901 whose all-absorbing interest in and devotion to clinical pathology found expression in the teaching and practice of this subject in his alma mater continuously from 1910 to 1938. This prize award is to be given to the student showing the best record in the course in clinical pathology. The candidate for the prize is to be recommended by the professor of clinical pathology and the award made by the Committee on Prizes and Scholarships.

8. *THE HERMAN L. JACOBUS PRIZE IN PATHOLOGY.* Established in 1945 by a gift from Dr. Lawrence Jacobus and his friends in memory of his son who was killed in action in the Netherlands on September 28, 1944. Dr. Herman L. Jacobus was a member of the class of 1939. The income of the fund is available annually to the student of the third or fourth year class who, in the opinion of the staff of the department of pathology, merits recognition for high scholastic attainments and outstanding performance in the subject of pathology. If in any year no student merits the distinction the award will be withheld.

9. *THE BORDEN UNDERGRADUATE RESEARCH AWARD.* The terms of this grant by The Borden Company Foundation, Inc., provide for awards of \$500 during any one calendar year for a period of five years. The award will be made under the following terms and conditions:

1. All persons in the graduating class of the Medical College of Cornell University who, during any year while enrolled in the College, have carried out undergraduate research in the medical field shall be eligible for the Borden Undergraduate Research Award in Medicine. The award shall be presented at the time of his graduation to that eligible person whose research has been determined by the Medical College to be the most meritorious performed by all similarly eligible persons. Originality and thoroughness of research shall be of primary consideration.

2. In the event that the Dean shall find it inappropriate to make the award in any one year, the award may be deferred to another year. Only one award, however, will be made during any one calendar year.

Papers submitted for this prize should be in quadruplicate and must be in the Administration Office not later than three weeks before the end of the term.

The Borden Prize for Research for the year 1954 was awarded to Harry W. Daniell.

SCHOLARSHIPS

1. *THE JOHN METCALFE POLK SCHOLARSHIP*. A gift under the will of William Mecklenburg Polk, the first Dean of the Medical College, is awarded annually by the Faculty. The scholarship amounts to about \$200 a year.

2. *THE THORNE SHAW SCHOLARSHIP FUND*. This fund provides three scholarships designated as:

First: A scholarship of approximately \$400 available to students after at least two years of study in the Medical College.

Second: Two scholarships of approximately \$200 each available to students after at least one year of study in the Medical College.

These scholarships are awarded by the Faculty upon nomination by the Committee on Scholarships and Prizes. They are awarded annually in June and are for one year only. Students receiving the scholarships are notified of the award at the end of the session.

3. *MARY F. HALL SCHOLARSHIP*. The income, amounting to about \$180 annually, from a fund established by bequest of Miss Mary F. Hall, is available to any woman student in Cornell University Medical College who needs its aid and who is a bona fide resident of the State of New York and was such prior to admission to the College.

4. *THE 1936 JOHN AND KATHERINE MAYER SCHOLARSHIP FUND*. A five thousand dollar fund established in 1936, the income from which is annually available to meritorious students who need its aid, and who have completed one or more years of the regular medical course. The award is for one year only, but tenable for a second or third year providing the qualifications of the candidate merit a reaward. If during any year the income from the fund is not used as stated above, then it may be used for such research work, or otherwise, as in the judgment of the Faculty (or Trustees) may be deemed best.

5. *THE 1939 JOHN AND KATHERINE MAYER SCHOLARSHIP FUND*. A five thousand dollar fund established in 1939, the income from which is annually available to meritorious students who need its aid, and who have completed one or more years of the regular medical course. The award is for one year only, but tenable for a second or third year providing the qualifications of the candidate merit a reaward. If during any year the income from the fund is not used as stated

above, then it may be used for such research work, or otherwise, as in the judgment of the Faculty (or Trustees) may be deemed best.

6. *THE JEREMIAH S. FERGUSON SCHOLARSHIP*. Established in memory of Jeremiah S. Ferguson, who throughout his long connection with the Medical College, of somewhat more than forty years, devoted much effort to helping students with their individual problems and promoting their professional careers. The fund amounts to \$5,000, the income from which, approximately \$200 a year, is awarded annually by the Committee on Scholarships and Prizes to a student or students in the third and fourth year classes in the Medical College who are in need of financial aid and who by conduct and scholarship have proved worthy investments.

7. *THE CHARLES RUPERT STOCKARD SCHOLARSHIP*. A ten thousand dollar fund was established in 1939 by a friend of the late Charles Rupert Stockard, Professor of Anatomy in the Cornell University Medical College, 1911-39. The interest of this fund is to be awarded either to one student (approximately \$400) or to two students (approximately \$200 each) who have shown promise in the work in the department of anatomy and who are desirous of doing advanced work in this department. The scholarships are to be awarded by the Executive Faculty upon nomination by the head of the department of anatomy.

8. *THE DR. JOHN A. HEIM SCHOLARSHIPS*. Established under the will of John A. Heim of the class of 1905 to provide such number of scholarships in the Medical College as there shall be funds available for that purpose. The awards are to be made to regularly matriculated medical students who are in need of financial assistance, as provided for in the terms of the bequest.

First year students are eligible, provided they meet the standards prescribed.

9. *THE DR. CHARLES I. HYDE '10 AND EVA HYDE SCHOLARSHIP FUND*. Established in memory of their daughter, Anita Shirley Hyde. The terms of this endowment provide that the income be available annually to meritorious students who have completed one year of the regular medical course and are in need of assistance. The income from this endowment amounts to about \$100 yearly.

10. *THE DR. JACQUES SAPHIER SCHOLARSHIP FUND*. Established in memory of Dr. Jacques Conrad Saphier (Lieutenant, j.g., USNR) of the class of 1940, who was killed in action on August 21, 1942, at Guadalcanal while in the performance of his duty. The income from this fund shall be awarded annually to a meritorious student of the Cornell University Medical College who has completed at least one year of work, who needs its aid, and who, in the opinion of the Faculty merits the recognition for which this scholarship was established.

11. *THE ELISE STRANG L'ESPERANCE SCHOLARSHIP*. This award is maintained by the personal contributions of Dr. Elise Strang L'Esperance, whose interests in the educational advancements of the Medical College have continued for many years. The value of this scholarship is \$1,000, and the award is to be given annually to the most outstanding woman medical student in the fourth year class in Cornell University Medical College. The selection of the recipient of this scholarship is to be made by the Dean in consultation with persons suggested under the original donation.

12. *THE SAGAN FOUNDATION SCHOLARSHIP*. An annual scholarship of \$500 to be awarded to a student in Cornell University Medical College, to be selected by the College on the basis of scholarship and need, without reference to race, color, sex, or creed. In the event the Foundation should discontinue the award, at least one year's notice shall be given the Medical College. A special blank issued by the Sagan Foundation should be obtained from the Dean's Office by students making application for this scholarship.

13. *RUTH HOLLOHAN SCHOLARSHIP FUND*. This fund was established by the terms of the will of Jessie L. Hollohan in memory of Ruth Hollohan. The income is to be used for scholarships for students in the Medical College, with first consideration to be given to entering students of good scholarship who are in need of financial assistance.

14. *THE WALLACE D. GARRABRANDT SCHOLARSHIP*. Established by Mabel G. Gormley. This scholarship, amounting to approximately \$200, is to be awarded annually by the Committee on Scholarships to a regularly matriculated medical student of good scholarship who is in need of financial assistance.

15. *LEONA E. TODD SCHOLARSHIP*. Under the terms of the will of Alzina T. Elliott, a scholarship has been established for women students in the Medical College. The income from the gift is approximately \$800 per year.

16. *JOHN WILLIAM TATEM SCHOLARSHIP*. Through the generosity of John William Tatem, a scholarship has been established for an entering student. This is to be awarded to an applicant who has shown outstanding ability and who needs aid to enable him to attend medical school. The award is for \$1,250 yearly as long as the student maintains a good record in his medical studies.

17. *ANONYMOUS SCHOLARSHIP*. A generous donor has established two scholarships, each paying \$2,000 a year for four years of medical study. One such award may be made every two years. These scholarships are to be given to students whose qualifications give outstanding promise for success in medicine, and who are unable to attend medical school without financial assistance.

18. *ANONYMOUS GIFTS SCHOLARSHIP FUND*. From time to time gifts are made by anonymous donors, to offer financial assistance to needy students of good scholastic standing. The money made available by this fund each year is awarded as tuition aid by the Committee on Scholarships.

BURSARY FOR WOMEN STUDENTS

THE MARIE AND JOHN ZIMMERMAN FUND. A sum from this fund will be available this year to certain women students as a memorial to Marie Zimmerman, Sr. The candidates will be chosen in accordance with the purposes of the donor as set forth in the following terms:

"It is the desire of the Fund that Dr. Connie M. Guion and the Assistant Dean assign the proceeds of the donations to one or more women medical students who are financially in need of assistance and whose academic standing leads them to believe that the recipients of the awards will make a success in their profession."

The objectives and method of assigning these awards will follow the principles accompanying the donations received during the present year.

LOAN FUNDS

1. *THE 1923 LOAN FUND*. The income from this fund amounts to \$350 a year and is available as a loan to students needing financial assistance, preferably to a third year student.

2. *ALUMNI ASSOCIATION LOAN FUNDS*. The Alumni Association of the Medical College is able to aid a few students in meeting their expenses by the Jessie P. Andresen Memorial Fund and the Class Student Loan Funds. The loans made from these funds will be administered by the Board of Directors of the Alumni Association. The Medical College is consulted in making these awards. Students in the upper classes will be given preference.

3. *STUDENT LOAN FUND*. A revolving fund contributed through different sources including The Kellogg Foundation, The Charles Hayden Foundation, and the Student Book Store is available to students in all classes who are in need of assistance. Every effort is made within the limitations of the financial structure of the institution to help students who by reason of unforeseen circumstances get into money difficulties. A special committee considers each case on its individual merits. A student having indebtedness to the Medical College in other ways than formal loans is ineligible for graduation.

ALPHA OMEGA ALPHA

Alpha Omega Alpha is a nonsecret Medical College Honor Society, membership in which is based upon scholarship, moral qualifications be-

ing satisfactory. It was organized at the College of Medicine of the University of Illinois, Chicago, August 25, 1902. A.O.A. is the only order of its kind on this continent.

Elections are made from students who have fully completed two years of a four year curriculum, by unanimous vote of the active members acting on recommendations made by Faculty advisers. Not more than one-sixth of any class may be elected. Aspects of and indispensable to true scholarship are included open-mindedness, individuality, originality, demonstration of studious attitude, and promise of intellectual growth.

The Cornell Chapter of A.O.A. was organized May 2, 1910. A large number of the Faculty are members. The Chapter sponsors an annual open lecture delivered in the Medical College Auditorium on a cultural or historical phase of medicine.

The members elected from the graduating class of 1954 are the following: Wilmot C. Ball, Jr., Robert L. Beals, Harry W. Daniell, George Dermksian, Kenneth A. Hubel, Melvin J. King, David H. Law, IV, Thomas H. Meikle, Jr., Edward S. Mongan, Philip R. Nast, Robert C. Patten, Saul L. Sanders, Robert E. Shope, Ralph C. Williams, Jr.

SIGMA XI

Sigma Xi, a national honorary society devoted to the encouragement of scientific research, was founded at Cornell University at Ithaca in 1886. An active branch of the Cornell Chapter is maintained at the Medical College. Many members of the Faculty and research staff are members of Sigma Xi and share in the activities of the Cornell Chapter. Medical students are eligible for election to membership in Sigma Xi on the basis of proved ability to carry on original medical research and on nomination by active members of the Cornell Chapter.

CORNELL UNIVERSITY MEDICAL COLLEGE ALUMNI ASSOCIATION, INC.

Officers

William A. Barnes, '37	<i>President</i>
John A. Evans, '35	<i>Vice President</i>
Keith O. Guthrie, '40	<i>Secretary</i>
Henry A. Carr, '35	<i>Treasurer</i>
Miss Ellen R. Phillips	<i>Executive Secretary</i>

Directors

Three Year Term: Irving S. Wright, '26; Joseph F. Artusio, Jr., '43.

Two Year Term: Nelson W. Cornell, '21; Mary Ann Payne, '45.

One Year Term: Paul Reznikoff, '20; Connie M. Guion, '17.

Alumni Quarterly

David N. Barrows, '12

Editor

Willis M. Weeden, '19

Associate Editor

Edward F. Stanton, '35

Associate Editor

Each graduate of Cornell University Medical College is automatically considered a member of the Alumni Association, and the dues are \$5 a year. The activities of the Association include a quarterly publication, an annual banquet, student and faculty parties, student loan funds, and an employment bureau. The Association maintains an office at 1300 York Avenue.

An annual appeal for funds for the use of the Medical College is made to members of the Association.

Educational Policies and Plan of Instruction

THE MEDICAL COLLEGE is divided into twelve major departments, seven of which are primarily concerned with the sciences underlying clinical medicine. They are anatomy, biochemistry, physiology, microbiology and immunology, pathology, pharmacology, and public health and preventive medicine. Five departments have as their major functions the study, treatment, and prevention of human diseases, and maternity care. These are medicine, surgery, pediatrics, psychiatry, and obstetrics and gynecology.

The heads of these major departments, together with the President of the University and the Dean, constitute the Executive Faculty, which is responsible for the educational policies of the College.

Courses required to be completed by each student before the degree of Doctor of Medicine is conferred by Cornell University are offered by each department. These courses are arranged, in their sequence and duration, to develop logically the knowledge and training of students and to build up gradually the requirements needed for graduation as Doctor of Medicine. The various departments also offer courses and opportunities for special study open to regular medical students, to candidates for advanced degrees in the Graduate School of Cornell University and to qualified advanced students of medicine not candidates for degrees.

Medical knowledge is so extensive that only a small part of that needed for a successful career in medicine can be acquired during the time devoted to medical study by the medical college curriculum. The time devoted by the prospective physician to his preparation for the practice of medicine includes at least one and often many more years of graduate medical education as intern or resident of a hospital, either in clinical or laboratory work or both. The required period of study at Cornell University Medical College extends over four academic years of at least thirty-three weeks each.

As medical science and medical practice may be pursued in a variety of ways, it is the policy of the College to encourage the student to vary his course of study according to his special interests and particular talents as far as is consistent with meeting the requirements for the degree of Doctor of Medicine.

A thesis is not required for the degree of Doctor of Medicine, but

students are encouraged to engage in individual work as far as their time permits, with the hope that they may accomplish results worthy of publication. It is desirable, therefore, for some students to devote all their free time to a single subject in which they have a special interest.

The development of technical and scientific proficiency in the various special fields of clinical medicine is not encouraged during the regular medical course but must await adequate training after graduation.

The first year of study is devoted to anatomy, biochemistry, physiology, microbiology, and psychobiology.

In the second year, the subjects of physiology and microbiology are completed, and the student takes up work in parasitology, pathology, pharmacology, physical diagnosis, psychiatry, neurology, clinical pathology, public health, ophthalmology, radiology, and surgery.

During the third and fourth years, students are divided into small groups for practical work in the various clinics and for elective work. The third year class meets at noon each day for clinical lectures and demonstrations.

Time for elective work is provided in the fourth year, after students have had opportunities to acquire some knowledge of the medical sciences and of clinical medicine. Students are advised to consult informally members of the Faculty in regard to the use of their time for elective work. It is deemed best not to establish a formal advisory system.

The Faculty expressly reserves the right to make alterations in the curriculum whenever advisable and without previous notice to students.

Description of Courses

ANATOMY

———, Professor of Anatomy.

CHARLES M. BERRY, Associate Professor of Anatomy.

JOHN MACLEOD, Associate Professor of Anatomy.

WILLIAM A. GEOHEGAN, Assistant Professor of Clinical Anatomy.

THEODORE C. GREENE, Assistant Professor of Anatomy.

WILBUR D. HAGAMEN, Assistant Professor of Anatomy.

LAWRENCE W. HANLON, Assistant Professor of Anatomy.

ERNEST W. LAMPE, Assistant Professor of Clinical Anatomy.

JOHN F. SEYBOLT, Assistant Professor of Anatomy.

IRENA KOPROWSKA, Research Associate in Anatomy.

DAVID ANDERSON, Instructor in Anatomy.

JOHN L. NORRIS, Instructor in Anatomy.

ROBERT L. BEALS, Fellow in Anatomy.

JOHN J. TAYLOR, Assistant in Anatomy.

EMBRYOLOGY AND HISTOLOGY . . . The work in embryology presupposes a general knowledge of the subject, particularly that of the early development of the chick. It embraces a thorough study of the development of the mammalian embryo in the light of our knowledge of the evolution of the human body. Malformations resulting from developmental disturbances are broadly considered. The course is closely correlated with that of gross anatomy.

The work in histology includes the histogenesis and microscopic structures of all organs of the human body with the exception of the central nervous system (*see* Neuroanatomy). Emphasis is laid on relation of structure to function.

The tissues are studied principally by means of stained sections, and practice is given in rapid identification of their diagnostic features. Demonstrations of living material are made, and opportunities are offered for acquiring the essentials of histological technique.

Laboratory and lectures, 180 hours, first and second terms. Required of all first year students.

NEUROANATOMY . . . A laboratory course on the gross and microscopic anatomy of the human nervous system. Special emphasis is laid on the more important pathways and their functions.

Laboratory and demonstrations, 84 hours. Required of all first year students during the second term.

GROSS ANATOMY OF THE HUMAN BODY . . . This is taught by means of laboratory exercises and dissections. The required work in-

cludes: (a) dissection of the part; (b) demonstrations, study, and discussion upon dissected and prepared specimens.

Total laboratory hours, 374. First and second terms of the first year. Required of all first year students.

ELECTIVE COURSES . . . Subject to the approval of the department of anatomy, its equipment is available to medical students wishing to pursue advanced work or research in anatomical subjects. Members of the staff will direct the progress of such undertakings. Schedules to fit individual cases will be arranged for a limited number of third and fourth year students who may devote the major part or all of their elective time in this department. Such elective time may be devoted to one of the following: (1) a review of dissection; (2) dissection of a foetus; (3) microscopic anatomy; (4) embryology; (5) special research problems.

COURSES OPEN TO SPECIAL STUDENTS

GROSS ANATOMY . . . A limited number of graduates in medicine will be provided with material for dissection of the human body. Fee, \$50 for a term of ten weeks; or for entire dissection, \$100.

COURSE IN SURGICAL ANATOMY . . . This course consists of an extensive review of surgical anatomy with demonstrations and dissections. It is specially designed for candidates for the American Board of Surgery and is in charge of Dr. Ernest W. Lampe. The fee for the course, which includes matriculation, registration charges, and tuition, is \$200, and the course will be for a period of four weeks. The size of the class is limited to 25 persons. Inquiries may be directed to Office of the Dean, Cornell University Medical College, 1300 York Avenue, New York 21, N.Y.

COURSE IN CYTOLOGIC DIAGNOSIS OF CANCER . . . This course consists of training in the technique and interpretation of smears prepared from various body fluids, with discussions and laboratory work. It is designed for qualified physicians and laboratory workers. The teaching is done by Dr. George N. Papanicolaou and associates. The fee for the course, including tuition, matriculation, and administration charges, is \$300. One course of three months will be given this year, beginning in March. The size of the classes is limited to 15 persons. Inquiries may be directed to Dr. John F. Seybolt, Cornell University Medical College, 1300 York Avenue, New York 21, N.Y.

ANATOMICAL RESEARCH . . . Subject to special arrangement with the head of the department.

BIOCHEMISTRY

VINCENT DU VIGNEAUD, Professor of Biochemistry.
ROY W. BONSNES, Associate Professor of Biochemistry.
DONALD B. MELVILLE, Associate Professor of Biochemistry.
JULIAN R. RACHELE, Associate Professor of Biochemistry.
HELENA GILDER, Assistant Professor of Biochemistry.
DOROTHY S. GENGHOF, Research Associate in Biochemistry.
PANAYOTIS G. KATSOYANNIS, Research Associate in Biochemistry.
EDWARD J. KUCHINSKAS, Research Associate in Biochemistry.
CHARLOTTE RESSLER, Research Associate in Biochemistry.
ROGER W. ROESKE, Research Associate in Biochemistry.
RICHARD A. RUSKIN, Research Associate in Biochemistry.
MARY ELIZABETH WRIGHT, Research Associate in Biochemistry.
DARRELL N. WARD, Instructor in Biochemistry.
DUANE T. GISH, Fellow in Biochemistry.
MARTHA LUDWIG, Fellow in Biochemistry.
ROBERT J. BROTHERTON, Assistant in Biochemistry.
VLADIMIR KOVALENKO, Assistant in Biochemistry.
RUTH WOODS, Assistant in Biochemistry.

The instruction in biochemistry is concentrated in the first year and is arranged upon the assumption that the student is already thoroughly grounded in the principles of chemistry and physics. The object is to impart that fundamental knowledge of biochemistry which is necessary to the comprehension of the bearings of chemistry upon medicine.

The schedule during the first and second terms is devoted to an intensive course in general biochemistry by means of lectures, demonstrations, and conferences. During the third term the instruction is centered largely in the laboratory and the conference room where the knowledge gained in the first two terms is consolidated and amplified. Considerable emphasis is laid upon quantitative rather than qualitative laboratory procedures. Throughout these lectures the application of biochemistry to the study of disease and metabolic disturbances is stressed. Collateral reading in biochemical literature is encouraged.

FIRST AND SECOND TERM . . . Lecture and conference course dealing with the chemistry and intermediary metabolism of proteins, fats, carbohydrates, and purines; enzymes, digestion, intestinal putrefaction, and feces; the composition of the tissues, blood, milk, and urine; hormones and vitamins; the elements of physical chemistry as applied to biology and medicine, with emphasis on the fundamental properties of electrolytes and colloids.

33 hours, first term.

33 hours, second term.

THIRD TERM . . . Laboratory course with lectures and conferences extending the work of the first two terms.

154 hours, third term.

ELECTIVE COURSES

ADVANCED LABORATORY WORK OR RESEARCH . . . By special arrangement.

COURSES OPEN TO SPECIAL STUDENTS

BIOCHEMISTRY . . . Fee, \$25 a term.

BIOCHEMICAL LITERATURE . . . Seminar course on the current literature in biochemistry, mainly for graduate students but open to a limited number of specially qualified medical students. Hours to be arranged. Professors du Vigneaud, Melville, and Rachele.

BIOCHEMICAL PREPARATIONS . . . A laboratory course dealing with the isolation, synthesis, and analysis of selected compounds of biological importance. Hours, credits, and fees to be arranged. The Staff.

RESEARCH IN BIOCHEMISTRY . . . By arrangement with the head of the department.

MEDICINE

DAVID P. BARR, Professor of Medicine.
LLOYD F. CRAVER, Professor of Clinical Medicine.
CLAUDE E. FORKNER, Professor of Clinical Medicine.
LOUIS HAUSMAN, Professor of Clinical Medicine (Neurology).
GEORGE M. LEWIS, Professor of Clinical Medicine (Dermatology).
ASA L. LINCOLN, Professor of Clinical Medicine.
PAUL REZNIKOFF, Professor of Clinical Medicine.
LEWIS D. STEVENSON, Professor of Clinical Medicine (Neurology).
HAROLD G. WOLFF, Professor of Medicine (Neurology).
IRVING S. WRIGHT, Professor of Clinical Medicine.
THOMAS P. ALMY, Associate Professor of Medicine.
HORACE S. BALDWIN, Associate Professor of Clinical Medicine.
ANTHONY C. CIPOLLARO, Associate Professor of Clinical Medicine
(Dermatology).
HENRY S. DUNNING, Associate Professor of Clinical Medicine.
RICHARD H. FREYBERG, Associate Professor of Clinical Medicine.
WILLIAM J. GRACE, Associate Professor of Medicine.*
EDWIN T. HAUSER, Associate Professor of Clinical Medicine.
MILTON L. KRAMER, Associate Professor of Clinical Medicine.
MARY H. LOVELESS, Associate Professor of Clinical Medicine (Allergy).
E. HUGH LUCKEY, Associate Professor of Medicine.
WALSH McDERMOTT, Associate Professor of Medicine.
ADE T. MILHORAT, Associate Professor of Medicine in Psychiatry.
CARL MUSCHENHEIM, Associate Professor of Clinical Medicine.
THEODORE W. OPPEL, Associate Professor of Clinical Medicine.
HAROLD E. B. PARDEE, Associate Professor of Clinical Medicine.
GEORGE G. READER, Associate Professor of Medicine.
HENRY B. RICHARDSON, Associate Professor of Clinical Medicine.
SIDNEY ROTHBARD, Associate Professor of Medicine.
EPHRAIM SHORR, Associate Professor of Medicine.
DONALD J. SIMONS, Associate Professor of Clinical Medicine.
HAROLD J. STEWART, Associate Professor of Medicine.
HENRY J. TAGNON, Associate Professor of Clinical Medicine.*
ALPHONSE E. TIMPANELLI, Associate Professor of Clinical Medicine.
EDWARD TOLSTOI, Associate Professor of Clinical Medicine.
RALPH TOMPSETT, Associate Professor of Clinical Medicine.
ROBERT F. WATSON, Associate Professor of Clinical Medicine.
BRUCE P. WEBSTER, Associate Professor of Clinical Medicine.
CHARLES H. WHEELER, Associate Professor of Clinical Medicine.
BYARD WILLIAMS, Associate Professor of Clinical Medicine.
ANDREW J. AKELAITIS, Assistant Professor of Clinical Medicine (Neurology).
SILVIO BAEZ, Assistant Professor of Medicine.
LOUIS BERLIN, Assistant Professor of Clinical Medicine (Neurology).
KEEVE BRODMAN, Assistant Professor of Clinical Medicine.
JACOB BUCKSTEIN, Assistant Professor of Clinical Medicine.
KATHARINE BUTLER, Assistant Professor of Clinical Medicine.
HENRY A. CARR, Assistant Professor of Clinical Medicine.
ANNE C. CARTER, Assistant Professor of Medicine.

*On leave of absence.

AARON D. CHAVES, Assistant Professor of Clinical Medicine.
 EUGENE J. COHEN, Assistant Professor of Clinical Medicine.
 FRANK E. CORMIA, Assistant Professor of Clinical Medicine (Dermatology).
 PETER G. DENKER, Assistant Professor of Clinical Medicine (Neurology).
 HENRY D. DIAMOND, Assistant Professor of Clinical Medicine.
 HOWARD A. EDER, Assistant Professor of Clinical Medicine.*
 RALPH L. ENGLE, JR., Assistant Professor of Medicine.
 ALBERT J. ERDMANN, JR., Assistant Professor of Clinical Medicine.
 AARON FEDER, Assistant Professor of Clinical Medicine.
 WILLIAM T. FOLEY, Assistant Professor of Clinical Medicine.
 CONSTANCE FRIESS, Assistant Professor of Clinical Medicine.
 SIDNEY M. GREENBERG, Assistant Professor of Clinical Medicine.
 SUSAN J. HADLEY, Assistant Professor of Clinical Medicine.
 MILTON HELPERN, Assistant Professor of Clinical Medicine.
 LAWRENCE E. HINKLE, JR., Assistant Professor of Clinical Medicine.
 ELLIOT HOCHSTEIN, Assistant Professor of Clinical Medicine.
 EVELYN HOLT, Assistant Professor of Clinical Medicine.
 WILLIAM H. KAMMERER, Assistant Professor of Clinical Medicine.
 GEORGE L. KAUER, Assistant Professor of Clinical Medicine.
 B. H. KEAN, Assistant Professor of Clinical Medicine (Tropical Medicine).
 LEMOYNE C. KELLY, Assistant Professor of Clinical Medicine.
 MARGARET KLUMPP, Assistant Professor of Clinical Medicine.*
 HERBERT KOTEN, Assistant Professor of Clinical Medicine.
 JOHN S. LADUE, Assistant Professor of Clinical Medicine.
 MICHAEL LAKE, Assistant Professor of Clinical Medicine.
 RICHARD E. LEE, Assistant Professor of Clinical Medicine.
 CHARLES A. LEMAISTRE, Assistant Professor of Medicine.
 LEON I. LEVINE, Assistant Professor of Clinical Medicine.*
 ALLYN B. LEY, Assistant Professor of Medicine.
 SOL S. LICHTMAN, Assistant Professor of Clinical Medicine.
 MACK LIPKIN, Assistant Professor of Clinical Medicine.
 EDWARD J. LORENZE, III, Assistant Professor of Clinical Medicine (Physical Medicine).
 DANIEL S. LUKAS, Assistant Professor of Medicine.
 KIRBY A. MARTIN, Assistant Professor of Clinical Medicine.
 ABRAHAM MAZUR, Assistant Professor of Biochemistry in Medicine.
 RICHARD R. MCCORMACK, Assistant Professor of Clinical Medicine.
 ROBERT H. MELCHIONNA, Assistant Professor of Clinical Medicine.
 MARY ANN PAYNE, Assistant Professor of Clinical Medicine.
 NORMAN PLUMMER, Assistant Professor of Clinical Medicine.
 JOSEPH E. RALL, Assistant Professor of Medicine.
 EDGAR A. RILEY, Assistant Professor of Clinical Medicine.
 DAVID E. ROGERS, Assistant Professor of Medicine.
 J. JAMES SMITH, Assistant Professor of Clinical Medicine.
 ISRAEL STEINBERG, Assistant Professor of Clinical Medicine.
 WILLIAM D. STUBENBORD, Assistant Professor of Clinical Medicine.
 ARTHUR M. SUTHERLAND, Assistant Professor of Clinical Medicine.
 BEATRICE BERLE, Research Associate in Medicine.
 ERWIN SHEPPARD, Research Associate in Medicine.
 SEYMOUR ADVOCATE, Instructor in Medicine.
 ABRAHAM A. ANTOVILLE, Instructor in Medicine.
 SAM C. ATKINSON, Instructor in Medicine.
 CHARLES A. BAILEY, Instructor in Medicine.

*On leave of absence.

LLOYD T. BARNES, Instructor in Medicine.
JEREMIAH A. BARONDESS, Instructor in Medicine.
RUTH P. BERKELEY, Instructor in Medicine.
CARL A. BERNTSEN, JR., Instructor in Medicine.
WARREN S. BRAVEMAN, Instructor in Medicine.
SAMUEL H. BRETTHWAITE, Instructor in Medicine.
VERONICA C. BROWN, Instructor in Medicine.
GRAFTON E. BURKE, Instructor in Medicine.
EDWARD A. BURKHARDT, Instructor in Medicine.
FOO CHU, Instructor in Medicine.
JEAN ABEL CRAMER, Instructor in Medicine.
JEFF DAVIS, Instructor in Medicine.
MARION DAVIS, Instructor in Medicine.
MONROE THOMAS DIAMOND, Instructor in Medicine.
CAROLYN H. DIEHL, Instructor in Medicine.
JOHN W. DOUGHERTY, Instructor in Medicine.
MURRAY DWORETZKY, Instructor in Medicine.
ROBERT E. ECKARDT, Instructor in Medicine.
EMIL A. FALK, Instructor in Medicine.
LAWRENCE FARMER, Instructor in Medicine.
LYMAN A. FULTON, Instructor in Medicine.
JOHN M. GIBBONS, Instructor in Medicine.
ELSIE A. GIORGI, Instructor in Medicine.
OSCAR E. GOLDSTEIN, Instructor in Medicine.
KEITH O. GUTHRIE, JR., Instructor in Medicine.
LOUIS A. HAUSER, Instructor in Medicine.
LEONARD L. HEIMOFF, Instructor in Medicine.
HERMAN G. HELPERN, Instructor in Medicine.
LAWRENCE B. HOBSON, Instructor in Medicine.
EUGENE L. HORGER, Instructor in Medicine.
ROBERT D. HUEBNER, Instructor in Medicine.
LEIF Y. JACOBSEN, Instructor in Medicine.
WILLIAM H. JEFFREYS, Instructor in Medicine.
LAWRENCE I. KAPLAN, Instructor in Medicine.
HENRY B. KIRKLAND, Instructor in Medicine.
GERALD H. KLINGON, Instructor in Medicine.
HAROLD L. LEDER, Instructor in Medicine.
DOROTHEA LEMCKE, Instructor in Medicine.
JERROLD S. LIEBERMAN, Instructor in Medicine.
ROBERT M. LINTZ, Instructor in Medicine.
A. PARKS McCOMBS, Instructor in Medicine.
ELLEN McDEVITT, Instructor in Medicine.
HERBERT L. MARTIN, Instructor in Medicine.
RAYMOND E. MILLER, Instructor in Medicine.
L. MARY MOENCH, Instructor in Medicine.
WILLIS A. MURPHY, Instructor in Medicine.
CARL K. NEEDY, Instructor in Medicine.
WARREN P. NESTLER, Instructor in Medicine.
IRWIN NYDICK, Instructor in Medicine.
AVRUM B. ORGANICK, Instructor in Medicine.
THOMAS C. PARSONS, Instructor in Medicine.
MARJORIE B. PATTERSON, Instructor in Medicine.
GEORGE E. PEABODY, Instructor in Medicine.
FRANCIS S. PERRONE, Instructor in Medicine.
R. A. REES PRITCHETT, Instructor in Medicine.

CHARLES H. RESSLER, Instructor in Medicine.
 THOMAS N. ROBERTS, Instructor in Medicine.
 JULIUS L. ROGOFF, Instructor in Medicine.
 ALBERT L. RUBIN, Instructor in Medicine.
 THERESA SCANLAN, Instructor in Medicine.
 CHARLES SHEARD, Instructor in Medicine.
 EDWARD M. SHEPARD, Instructor in Medicine.
 EUGENE P. SIMON, Instructor in Medicine.
 HARRY A. SINCLAIRE, Instructor in Medicine.
 JOHN R. SMITH, Instructor in Medicine.
 LAWRENCE S. SONKIN, Instructor in Medicine.
 THOMAS B. SPENCER, Instructor in Medicine.
 AARON D. SPIELMAN, Instructor in Medicine.
 KATHARINE W. SWIFT, Instructor in Medicine.
 DOUGLAS P. TORRE, Instructor in Medicine.
 J. RUSSELL TWISS, Instructor in Medicine.
 MARIAN TYNDALL, Instructor in Medicine.
 FREDERICK E. G. VALERGAKIS, Instructor in Medicine.
 LILA A. WALLIS, Instructor in Medicine.
 AARON O. WELLS, Instructor in Medicine.
 CHARLES A. WERNER, Instructor in Medicine.
 ERWIN A. WERNER, Instructor in Medicine.
 HAROLD N. WILLARD, Instructor in Medicine.
 FELIX WROBLEWSKI, Instructor in Medicine.
 SEYMOUR ZUCKER, Instructor in Medicine.
 ADOLPHO DE FRANCISCO, Research Fellow in Medicine.
 JEROME DEUTSCHBERGER, Research Fellow in Medicine.
 DAVID GOEBEL, Research Fellow in Medicine.
 HELEN GOODELL, Research Fellow in Medicine.
 ELAINE D. HENLEY, Research Fellow in Medicine.
 MARY E. HOPPER, Research Fellow in Medicine.
 MELVIN HORWITH, Research Fellow in Medicine.
 SEUNG HOON LEE, Research Fellow in Medicine.
 ERNEST T. LIVINGSTONE, Research Fellow in Medicine.
 FRANCIS W. MCCOY, Research Fellow in Medicine.
 ROBERT M. McCUNE, Research Fellow in Medicine.
 ADRIAN M. OSTFELD, Research Fellow in Medicine.
 DECIO DEO. PENNA, Research Fellow in Medicine.
 JAMES H. PERT, Research Fellow in Medicine.
 LEONARD SCHUYLER, Research Fellow in Medicine.
 SELMA M. SHULTZ, Research Fellow in Medicine.
 HERMAN STEINBERG, Research Fellow in Medicine.
 ALBERT J. STUNKARD, Research Fellow in Medicine.
 HERTHA H. TAUSSKY, Research Fellow in Medicine.
 VINCENT A. TOSCANI, Research Fellow in Medicine.
 JOHN E. ULTMANN, Research Fellow in Medicine.
 CARL WIERUM, Research Fellow in Medicine.
 MARK ZBOROWSKI, Research Fellow of Anthropology in Medicine.
 BARBARA BATES, Assistant in Medicine.
 DAVID V. BECKER, Assistant in Medicine.
 JOHN A. BELL, Assistant in Medicine.
 BRY BENJAMIN, Assistant in Medicine.
 FRANK N. BILISOLY, III, Assistant in Medicine.
 WILLIAM H. BUNN, JR., Assistant in Medicine.
 WILLIAM N. CHRISTENSON, Assistant in Medicine.

DENTON S. COX, Assistant in Medicine.
RICHARD L. DEXTER, Assistant in Medicine.
WILLIAM F. ECKHARDT, Assistant in Medicine.
WALDO GREENSPAN, Assistant in Medicine.
A. GARDNER HARDEN, Assistant in Medicine.
THOMAS KILLIP, III, Assistant in Medicine.
RAYMOND M. KIVEL, Assistant in Medicine.
DAVID D. KLIEWER, Assistant in Medicine.
FRITZ LOEWENSTEIN, Assistant in Medicine.
DONALD B. LOURIA, Assistant in Medicine.
PETER R. MAHRER, Assistant in Medicine.
STANLEY R. McCAMPBELL, Assistant in Medicine.
DAVID W. MOLANDER, Assistant in Medicine.
WALTER M. PALMER, Assistant in Medicine.
NELSON G. RICHARDS, Assistant in Medicine.
DAVID M. ROSEMAN, Assistant in Medicine.
KENNETH ROTH, Assistant in Medicine.
HAROLD J. SIMON, Assistant in Medicine.
PETER E. STOKES, Assistant in Medicine.
HARTWELL G. THOMPSON, JR., Assistant in Medicine.
JOHN V. TORBERT, Assistant in Medicine.
CHARLES E. WELLS, Assistant in Medicine.
EDWARD A. WOLFSON, Assistant in Medicine.
EDWARD L. WORTHINGTON, Assistant in Medicine.

IGNAZ W. OJENICK, Lecturer in Medicine (Neurology).
ROBERT L. YEAGER, Lecturer in Medicine (Tuberculosis).

Students begin their course in medicine in the second term of the second year with physical diagnosis under Dr. Stewart. They are introduced to this subject in the second term (two afternoons a week) by means of lectures, demonstrations, and practical work on normal subjects and patients. In the third term they spend two mornings a week with the patients either in the pavilions of the New York Hospital or on the wards of Bellevue, Memorial Hospital, or Lincoln Hospital.

An introductory course in neurologic diagnostic methods is given under the direction of Dr. Wolff in the third term of the second year. The work consists of demonstrations and intensive training in the discipline of neurological examination. The students in groups of three are assigned to an instructor on the neurology service of Bellevue Hospital. This work coincides in time with the other training in physical diagnosis.

An introductory required course in clinical pathology is given in the third term of the second year, under the direction of Dr. Kellner. It consists of lectures and laboratory work. Among the topics discussed are the theory, practice, and application of methods for the examination of urine, blood, sputum, exudates, transudates, spinal fluid, gastric contents, and feces. The methods studied include chemical, morphological, serological, and animal inoculation methods which are of value as diagnostic procedures. Discussion of the clinical significance of findings is included. In addition, certain allergic phenomena are presented in lec-

ture and demonstration, and their clinical relationship is discussed.

In each of the terms of the third year, one third of the class act as clinical clerks in medicine. Their time is divided equally between the New York Hospital under the supervision of Dr. Barr, Dr. Wolff, and Dr. Grace, and Bellevue Hospital under the direction of Dr. Almy. The medical wards of the New York Hospital comprise five public pavilions totaling 126 beds. Those at Bellevue have approximately 100 teaching beds. The service includes patients with diseases of the nervous system and of the skin. These are under the care of subdepartments which are organized for teaching and clinical research as well as the management of patients. They are, therefore, analogous to independent departments of dermatology and neurology as seen in other hospitals. An active pulmonary service is functioning in close cooperation with the surgical service and pediatric service. Beds on the fourth floor at the New York Hospital are used for the study and treatment of infectious diseases, including tuberculosis, the exanthemata, and syphilis. There is close cooperation with the department of psychiatry in the study of the neuroses and early manifestations of psychoses found in the wards and dispensary.

The backbone of the student's training as a clinical clerk is believed to be his own experience with patients as amplified by reading and by contact with members of the hospital and teaching staff. He is given as much responsibility as is practical, namely, the recording, in the hospital records, of his own histories and laboratory examinations. These, together with his physical examinations, are supervised by tutors, each of whom has responsibility for the supervision of a small group of students. Additional teaching consists of rounds with the visiting and house staff and more formal conferences once a week in which the clerks present cases for criticism and discussion. In these it is attempted to cover the more important fields of internal medicine. The work of the clerkships is supplemented by frequent clinical conferences which are held throughout the academic year. During the clinical clerkship the students receive further training in the evaluation of signs and symptoms of disease of the nervous system. Two teaching visits a week at the New York Hospital are dedicated to neurological problems. This work supplements that of the second year by placing special emphasis upon etiology and therapeutics in diseases of the nervous system.

The instruction of the senior students is conducted in the outpatient department with the intent of offering experience in general medicine, neurology, dermatology, and other medical specialties. Other departments of the clinic such as physiotherapy and dietotherapy provide demonstrations. Practical work with patients is supplemented by seminars, demonstrations, and conferences and by presentation of subjects by the students.

This course for seniors has been fused with the Medical Compre-

hensive Care and Teaching Program, description of which will be found below.

Clinical-pathological conferences organized by the department of pathology in conjunction with the clinical departments occur weekly throughout the year.

ELECTIVE COURSES

CLINICAL CLERKSHIP AT BELLEVUE HOSPITAL . . . Dr. Thomas P. Almy and staff. For periods of one month. Maximum registration, eight students. Work will include case assignments, ward rounds, frequent conferences with Dr. Almy and members of his staff.

ENDOCRINOLOGY AND METABOLISM . . . Dr. Ephraim Shorr and staff. For periods of two months. Maximum registration, two students. The work will consist of assignments to diabetic clinic, endocrine clinic, and metabolism ward, and participation in applicable laboratory methods.

INFECTIOUS DISEASES AND CHEMOTHERAPY . . . Dr. Walsh McDermott and Dr. Ralph Tompsett. For periods of one or two months. Maximum registration, two students. Work will include assignments to the infectious disease ward for the study of tuberculosis and participation in clinical and research projects under way in this subdepartment.

NEUROLOGY . . . Dr. Harold G. Wolff and staff. For periods of one month or two months. Maximum registration, three students. For the shorter period, the work will include participation in clinical activities, on the neurological outpatient department and ward. For the longer period, it will include also participation in investigative problems.

CARDIOLOGY . . . Dr. Harold J. Stewart and staff. For period of two months. Maximum registration, one student. The work will consist of participation in the cardiac clinic and wards, and the reading of electrocardiograms, and assignments to research problems.

HEMATOLOGY . . . Dr. Paul Reznikoff and staff. For periods of one month or two months. Maximum registration, two students. The work will include participation in clinical activities in the outpatient department, ward, and hematology laboratory, together with possible assignment to investigate problems.

NEUROANATOMY . . . This course given by Dr. Louis Hausman will cover the development and anatomy of the nervous system and laboratory work on the reconstruction of the nervous system. Each student makes his own model. The anatomical background of the diseases of the nervous system is considered. Hours to be arranged with the instructor.

FORENSIC MEDICINE . . .

(a) *A series of 30 lectures* given by Dr. Milton Helpert. The subject

matter is illustrated with material derived from cases investigated by the office of the Chief Medical Examiner of the Borough of Manhattan.

This course covers the following topics: the obligations and rights of physicians; relations of the physician to government agencies; functions of the office of medical examiner and of coroner; investigation and determination of the cause of sudden, suspicious, and violent deaths; the medicolegal necropsy; identification, signs of death, changes in the body after death; sudden natural death; relationship of disease and trauma; suicidal, accidental, and homicidal violent deaths; blunt force injuries, stab and bullet wounds, traumatic asphyxia, rape, abortion, infanticide; toxicology, especially the indications of poisoning and the selection of organs for chemical analysis; examination of blood stains, seminal stains, and hair, forensic application of blood grouping; occupational injuries and diseases.

Tuesday afternoon, 5-6 p.m.

(b) *Practical course.* An opportunity will be given to learn the circumstances surrounding and to observe at first hand the autopsy findings in numerous and varied cases of sudden, unexpected, suspicious, and violent deaths which are continuously being brought to the attention of the Office of the Chief Medical Examiner of the Borough of Manhattan for investigation.

Course to be given at the City Mortuary, 400 East 29th Street.

Applicants should arrange their time with Dr. Helpern.

OTHER ELECTIVES . . .

Other special electives may be arranged through conference with the head of the department.

MEDICAL COMPREHENSIVE CARE AND TEACHING PROGRAM

The course in comprehensive medicine occupies the major attention of half the senior class during each of the two semesters of the fourth year. It is designed to be a synthesis of the many disciplines to which the medical student has been exposed and, as such, may be considered a laboratory course in patient care.

Both the Medical and Pediatric Clinics have been designated as Comprehensive Care Clinics in which, through the use of consultants, the diagnosis and treatment of patients is carried out with minimal referral to other clinics. In this exercise senior students play a responsible and functioning role. Each student is assigned to new patients visiting the Comprehensive Care Clinic and, in addition, to especially selected family care patients for whom he serves as a family physician. He sees the adult members of the family in the general medical clinic and the children in the general pediatric clinic by appointment. Under appropriate circum-

stances, the student may make supervised house calls on his patients to diagnose and treat illness.

Social factors in patient care are emphasized through participation of the staff of the New York Hospital social service department. One social worker has been appointed to coordinate the activities of this staff, as well as the services provided by community agencies. Similarly, a public health nurse coordinates nursing activities in the program.

Teaching of preventive medicine is the responsibility of a physician representing the department of public health and preventive medicine.

Emotional aspects of disease are stressed through the participation of a selected group of psychiatrists from the department of psychiatry. Also, a member of the department of medicine participates in teaching the psychosomatic aspects of illness.

A representative of the department of surgery and one from the department of obstetrics and gynecology provide appropriate consultation services in their specialties to the Comprehensive Care Clinics.

Part-time electives in medical and pediatric subspecialties, psychiatry, and preventive medicine are offered each student in addition to the regular clinic work.

Dr. George G. Reader is in over-all charge of the program and is assisted by three assistant directors, two from the department of medicine together with the staff of the medical outpatient department, and one from the department of pediatrics together with the staff of the pediatric outpatient department.

MICROBIOLOGY AND IMMUNOLOGY

JAMES M. NEILL, Professor of Microbiology and Immunology.

EDWARD J. HEHRE, Associate Professor of Microbiology and Immunology.

JOHN Y. SUGG, Associate Professor of Microbiology and Immunology.

THEODORE W. SERY, Instructor in Microbiology and Immunology.

IRVING ABRAHAM, Lecturer in Microbiology and Immunology.

The course is given in the third term of the first year and in the first term of the second year. Emphasis is placed upon the aspects of microbiology and immunology that are pertinent to an understanding of the infectious diseases.

FIRST YEAR . . . The laboratory work includes a survey of representative morphological groups of pathogenic bacteria, a study of the microbial flora of the upper respiratory and lower intestinal tracts of healthy persons, and experiments on the mechanisms involved in antigen-antibody reactions. The lectures are directed toward the establishment of general concepts, particularly the principles involved in microbial growth, the principles underlying active immunization, and the factors that enter into host-parasite relationships.

Lectures and laboratory: 55 hours.

SECOND YEAR . . . In this term a more intensive study is made of the agents of specific infections, including fungi, spirochetes, rickettsiae, and viruses, as well as bacteria. General concepts introduced in the first term are further developed by applying them to the specific diseases. Laboratory work with material from patients is included to illustrate the application of fundamental principles to practical problems. The action of chemotherapeutic agents, especially those of microbial origin, are considered.

Lectures, laboratory, and conference: 88 hours.

ELECTIVE COURSES . . . The department will arrange a schedule of work for fourth year students who wish to devote their elective time to microbiology and immunology.

OBSTETRICS AND GYNECOLOGY

- R. GORDON DOUGLAS, Professor of Obstetrics and Gynecology.
JOSEPH F. ARTUSIO, JR., Associate Professor of Obstetrics and Gynecology (Anesthesiology).
ROY W. BONSNES, Associate Professor of Biochemistry in Obstetrics and Gynecology.
EDWARD H. DENNEN, Associate Professor of Clinical Obstetrics and Gynecology.
RALPH W. GAUSE, Associate Professor of Clinical Obstetrics and Gynecology.
CARL T. JAVERT, Associate Professor of Clinical Obstetrics and Gynecology.
HOWARD S. McCANDLISH, Associate Professor of Clinical Obstetrics and Gynecology.
CHARLES M. McLANE, Associate Professor of Clinical Obstetrics and Gynecology.
JOSEPH N. NATHANSON, Associate Professor of Clinical Obstetrics and Gynecology.
NELSON B. SACKETT, Associate Professor of Clinical Obstetrics and Gynecology.
FRANK R. SMITH, Associate Professor of Clinical Obstetrics and Gynecology.
THOMAS L. BALL, Assistant Professor of Clinical Obstetrics and Gynecology.
JUSTIN T. CALLAHAN, Assistant Professor of Clinical Obstetrics and Gynecology.
JOHN T. COLE, Assistant Professor of Clinical Obstetrics and Gynecology.
ROBERT L. CRAIG, Assistant Professor of Clinical Obstetrics and Gynecology.
WILLIAM F. FINN, Assistant Professor of Clinical Obstetrics and Gynecology.
RANDOLPH GEPFERT, Assistant Professor of Clinical Obstetrics and Gynecology.
WILLIAM P. GIVEN, Assistant Professor of Clinical Obstetrics and Gynecology.
OSCAR GLASSMAN, Assistant Professor of Clinical Obstetrics and Gynecology.
ARTHUR V. GREELEY, Assistant Professor of Clinical Obstetrics and Gynecology.
DONALD G. JOHNSON, Assistant Professor of Clinical Obstetrics and Gynecology.
ANN P. KENT, Assistant Professor of Clinical Obstetrics and Gynecology.
ELMER E. KRAMER, Assistant Professor of Clinical Obstetrics and Gynecology.
ROBERT LANDESMAN, Assistant Professor of Clinical Obstetrics and Gynecology.
BENJAMIN E. MARBURY, Assistant Professor of Clinical Obstetrics and Gynecology (Anesthesiology).
CURTIS L. MENDELSON, Assistant Professor of Clinical Obstetrics and Gynecology.
GEORGE SCHAEFER, Assistant Professor of Clinical Obstetrics and Gynecology.
ERWIN FLETCHER SMITH, Assistant Professor of Clinical Obstetrics and Gynecology.
CHARLES T. SNYDER, Assistant Professor of Clinical Obstetrics and Gynecology.
PERRY S. BOYNTON, JR., Instructor in Obstetrics and Gynecology.
MYRON I. BUCHMAN, Instructor in Obstetrics and Gynecology.
DAVID B. CRAWFORD, JR., Instructor in Obstetrics and Gynecology.
HUGH HALSEY, II, Instructor in Obstetrics and Gynecology.

GRAHAM G. HAWKS, Instructor in Obstetrics and Gynecology.
 JOHN R. LANGSTADT, Instructor in Obstetrics and Gynecology.
 WILLIAM D. McLARN, Instructor in Obstetrics and Gynecology.
 KENNETH G. NICKERSON, Instructor in Obstetrics and Gynecology.
 VIRGINIA K. PIERCE, Instructor in Obstetrics and Gynecology.
 RICHARD A. RUSKIN, Instructor in Obstetrics and Gynecology.
 EDWARD F. STANTON, Instructor in Obstetrics and Gynecology.
 WILLIAM J. SWEENEY, Instructor in Obstetrics and Gynecology.
 ARCHIBALD W. THOMSON, JR., Instructor in Obstetrics and Gynecology.
 CHARLES H. BIPPART, Assistant in Obstetrics and Gynecology.
 STANLEY J. BIRNBAUM, Assistant in Obstetrics and Gynecology.
 E. WILLIAM DAVIS, JR., Assistant in Obstetrics and Gynecology.
 CHARLES A. DE PROSSE, Assistant in Obstetrics and Gynecology.
 THOMAS F. DILLON, Assistant in Obstetrics and Gynecology.
 HOLDEN K. FARRAR, Assistant in Obstetrics and Gynecology.
 JAMES GILMORE, Assistant in Obstetrics and Gynecology.
 KAY M. KRETH, Assistant in Obstetrics and Gynecology.
 HERBERT R. KUHN, JR., Assistant in Obstetrics and Gynecology.
 JAMES P. McNEIL, JR., Assistant in Obstetrics and Gynecology.
 JOHN S. VAN MATER, Assistant in Obstetrics and Gynecology.
 ROBERT M. WAGNER, Assistant in Obstetrics and Gynecology.
 HERBERT A. ZACCHEO, Assistant in Obstetrics and Gynecology.

The Lying-In Hospital, a division of the New York Hospital, provides 116 pavilion beds for teaching purposes in obstetrics and gynecology. In addition, the private service consists of a total of 91 beds. Students are given practical instruction in the outpatient department clinics of both obstetrics and gynecology and in the various special clinics operated for the more intensive study and care of patients with unusual problems. The students are given every opportunity to benefit from the clinical work as carried on and demonstrated on the wards and in the operating and delivery rooms.

There are approximately 5,000 admissions to the obstetrical service and about 2,000 to the gynecological service each year.

THIRD YEAR

COURSE I. THE THEORY AND PRINCIPLES OF OBSTETRICS AND GYNECOLOGY . . . The content of this course consists of lectures and demonstrations covering the anatomy and physiology of the female reproductive system; the physiology and pathology of pregnancy, labor, and puerperium; and the etiology, pathology, and diagnosis of the diseases of the pelvic structures.

The entire class meets for these sessions on Tuesdays and Saturdays 12-1 p.m. throughout the year. Professors Douglas, Javert, Kramer, Finn, Given, Johnson, McLane, and staff. Total hours, 66.

COURSE II. PRACTICAL INSTRUCTION . . . This work is given to one-sixth of the class for periods of one-half of a trimester (5½ weeks) on Tuesdays and Thursdays 9-11 a.m. The course deals especially with

abdominal palpation, pelvic examination, and manikin exercises. Professors Douglas, Dennen, Kramer, and staff.

COURSE III. SEMINAR . . . Tuesdays and Thursdays 11-12 a.m. Professors Douglas, Given, Johnson, Kramer, and staff.

COURSE IV. PRACTICAL DEMONSTRATION . . . This course comprises instruction in obstetrical and gynecological bacteriology and pathology. A considerable amount of this time is used in the study of pelvic neoplasms. Mondays 9-12 a.m. for one trimester. Professors Douglas, Javert, Kramer, Finn, Ball, and staff. Total hours, 66 for Courses II, III, and IV.

FOURTH YEAR

MAJOR PRACTICAL OBSTETRICS AND GYNECOLOGY . . . This course comprises practical work in obstetrics and gynecology and is the sequel to the theoretical instruction offered to the third year students. Each student will live in the Lying-In Hospital for a period of 7½ weeks during which time he will act as a clinical assistant to the obstetrical and gynecological departments, hospital wards, delivery and operating rooms, and clinics. He will be provided with sleeping accommodations but not with board. The student is expected to participate in all departmental teaching functions. Daily rounds are held on each floor to keep him informed on all activities in addition to his assigned patients.

The practical work includes the prenatal care of many patients, attending them in labor and delivery as well as following them throughout the course of the puerperium. Facilities are also provided for the student to examine gynecological patients and to observe these patients through diagnostic and therapeutic procedures.

Because of the nature of the service, night and week-end work is required. Minimum hours allotted to the course, 264.

DEPARTMENTAL STAFF CONFERENCE AND ROUNDS. A weekly staff conference is held on Mondays from 2 to 4 p.m. and rounds on Fridays from 11 a.m. to 1 p.m. Symposia and instructive case reports with student participation will be presented. Professor Douglas and staff.

OBSTETRICAL AND GYNECOLOGICAL PATHOLOGY. Representative pathological material with a brief clinical history and microscopic projection will be presented each Wednesday from 5 to 6 p.m. Professors Javert, Kramer, and staff.

ELECTIVE COURSES

PRACTICAL OBSTETRICS AND GYNECOLOGY . . . A certain number of students will be accepted to serve as assistants in the clinic.

Courses can be arranged in the chemical, bacteriological, and patho-

logical laboratories for the study of specific research problems. The special clinics provide teaching facilities for clinical investigation in carcinoma, endocrinology, heart disease, X-ray pelvimetry, infertility, and other allied sciences. The various rounds and staff conferences can be attended.

Encouragement is given original work according to the departmental facilities and the student's capabilities and in general will be designed to meet the student's qualifications.

PATHOLOGY

JOHN G. KIDD, Professor of Pathology.
JOHN M. PEARCE, Professor of Pathology.
AARON KELLNER, Associate Professor of Pathology.
GEORGE E. MURPHY, Associate Professor of Pathology.
LEWIS D. STEVENSON, Associate Professor of Pathology.
JOHN T. ELLIS, Assistant Professor of Pathology.
CHARLES T. OLCOTT, Assistant Professor of Pathology.
ARTHUR S. CARLSON, Instructor in Pathology.
CLAUDE IAN HOOD, Instructor in Pathology.
GEORGE C. HABERFELDE, Assistant in Pathology.
ROBERT L. HIRSCH, Assistant in Pathology.
NELSON D. HOLMQUIST, Assistant in Pathology.
NORMAN LOWE, Assistant in Pathology.
STEVEN C. MOHOS, Assistant in Pathology.
ABRAHAM I. SCHWEID, Assistant in Pathology.
JOHN F. SEYBOLT, Assistant in Pathology.
CLIFFORD H. URBAN, Assistant in Pathology.

PAUL F. DE GARA, Lecturer in Pathology.
JULES FREUND, Lecturer in Pathology.
MILTON HELPERN, Lecturer in Pathology.
THEODORE ROBERTSON, Lecturer in Pathology.

GENERAL PATHOLOGY

FACILITIES . . . The department of pathology occupies three floors of the central part of the College building, conveniently located above the library and in immediate contact with the Hospital, the autopsy room being in the connecting wing between College and Hospital. The teaching is largely concentrated on the third floor, where the autopsy room, demonstration room for pathological anatomy, anatomical museum, and classrooms are found. The fourth and fifth floors are chiefly unit laboratories for staff members and graduate students and for technical preparation. In addition, animal quarters and facilities for experimental work are on the fifth, six, and seventh floors.

The museum contains a carefully selected collection of specimens, representing most of the common and many of the more unusual pathological lesions. It is especially rich in lesions of bones and in tumors. In addition to this mounted collection, there is available a very considerable amount of constantly changing gross material for student study.

The postmortem service of the New York Hospital affords abundant opportunity for study of pathological anatomy and its relation to clinical medicine. The systematic records of autopsies performed at the New York Hospital have been preserved since 1851, and in recent years protocols and microscopic slides have been carefully indexed and filed.

INSTRUCTION . . . The course of instruction is given in the second and third terms of the second year. Gross and histological lesions are studied, and their pathogenesis and correlation with disturbed function are considered. Lectures and classroom demonstrations are supplemented by studies at the autopsy table. The course begins with the degenerations, inflammation, and repair and proceeds with the various specific infections and tumors. The latter part of the course is devoted to special systemic pathology including an introduction to neuropathology.

GENERAL AND SPECIAL PATHOLOGY . . . Required in the second and third terms of the second year.

Professors Kidd, Pearce, Olcott, and staff. 275 hours.

NEUROPATHOLOGY . . . The pathology of the nervous system is studied, and altered structure and function are correlated. Professor Stevenson. 33 hours.

CLINICAL PATHOLOGICAL CONFERENCES . . . These conferences are held in cooperation with the staffs of the clinical departments of the Hospital and Medical College each week throughout the year. Observations concerning the clinical course and diagnosis of diseases are correlated with changes found at autopsy.

ELECTIVE COURSES

A student may undertake the investigation of some problem in pathology or may pursue advanced courses in any of several fields to be determined by consultation with the head of the departments. Research or elective courses will ordinarily require the entire time of the student for a period of one to three months and may be continued into the summer.

PEDIATRICS

SAMUEL Z. LEVINE, Professor of Pediatrics.
CARL H. SMITH, Professor of Clinical Pediatrics.
PHILIP M. STIMSON, Professor of Clinical Pediatrics.
MAY G. WILSON, Professor of Clinical Pediatrics.
ARTHUR F. ANDERSON, Associate Professor of Clinical Pediatrics.
HENRY L. BARNETT, Associate Professor of Pediatrics.
HAROLD W. K. DARGEON, Associate Professor of Clinical Pediatrics.
HENRY D. LAUSON, Associate Professor of Physiology in Pediatrics.
MILTON I. LEVINE, Associate Professor of Clinical Pediatrics.
HAROLD B. ADAMS, Assistant Professor of Clinical Pediatrics.
LEONA BAUMGARTNER, Assistant Professor of Clinical Pediatrics.
SAMUEL R. BERENBERG, Assistant Professor of Clinical Pediatrics.
OTTO E. BILLO, Assistant Professor of Clinical Pediatrics.
CLEMENT B. P. COBB, Assistant Professor of Clinical Pediatrics.
SAMUEL W. DOOLEY, Assistant Professor of Clinical Pediatrics.
MARGARET DANN, Assistant Professor of Pediatrics.
PAUL F. DE GARA, Assistant Professor of Clinical Pediatrics in Allergy.
ROBERT O. DuBOIS, Assistant Professor of Clinical Pediatrics.
HELENE ELIASBERG, Assistant Professor of Clinical Pediatrics.
MARY A. ENGLE, Assistant Professor of Pediatrics.
NATHAN EPSTEIN, Assistant Professor of Clinical Pediatrics.
LEWIS M. FRAAD, Assistant Professor of Clinical Pediatrics.
JOHN E. FRANKLIN, Assistant Professor of Clinical Pediatrics.
ALAN W. FRASER, Assistant Professor of Clinical Psychiatry in Pediatrics.
MARTIN J. GLYNN, Assistant Professor of Clinical Pediatrics.
HENRY P. GOLDBERG, Assistant Professor of Clinical Pediatrics.
JAMES Q. HARALAMBIE, Assistant Professor of Clinical Pediatrics.
HELEN HARRINGTON, Assistant Professor of Clinical Pediatrics.
FREDERICK C. HUNT, Assistant Professor of Clinical Pediatrics.
EDMUND N. JOYNER, III, Assistant Professor of Clinical Pediatrics.
HEDWIG KOENIG, Assistant Professor of Clinical Pediatrics.
BARBARA M. KORSCH, Assistant Professor of Pediatrics.
NORMAN KRETCHMER, Assistant Professor of Biochemistry in Pediatrics.
CHARLES H. O'REGAN, Assistant Professor of Clinical Pediatrics.
IRVING SCHULMAN, Assistant Professor of Pediatrics.
LOUIS E. WEYMULLER, Assistant Professor of Clinical Pediatrics.
MARJORIE A. WHEATLEY, Assistant Professor of Clinical Pediatrics.
ROSE LUBSCHEZ, Research Associate in Pediatrics.
DAVID H. BAKER, Instructor in Pediatrics.
WALTER T. CARPENTER, JR., Instructor in Pediatrics.
MURRAY DAVIDSON, Instructor in Pediatrics.
MARVIN J. GERSH, Instructor in Pediatrics.
HELEN N. HELPER, Instructor in Pediatrics.
PHYLLIS H. KOTEEN, Instructor in Pediatrics.
FLORENCE N. MARSHALL, Instructor in Pediatrics.
ROBERT G. McGOVERN, Instructor in Pediatrics.
MARION McILVEEN, Instructor in Pediatrics.
ROWLAND L. MINDLIN, Instructor in Pediatrics.

JOAN E. MORGENTHAU, Instructor in Pediatrics.
THOMAS K. OLIVER, JR., Instructor in Pediatrics.
BEATRICE S. SLATER, Instructor in Pediatrics.
MARTHA L. SMITH, Instructor in Pediatrics.
MAXWELL STILLERMAN, Instructor in Pediatrics.
ALVAH M. WEISS, Instructor in Pediatrics.
DORIS S. WHITNEY, Instructor in Pediatrics.
NATALIE YAROW, Instructor in Pediatrics.
STANLEY S. ZIPSER, Instructor in Pediatrics.
BARBARA S. ASHE, Fellow in Pediatrics.
MARION E. ERLANDSON, Fellow in Pediatrics.
MELVILLE G. MAGIDA, Fellow in Pediatrics.
FABIO SERENI, Fellow in Pediatrics.
MADOKA SHIBUYA, Fellow in Pediatrics.
ROBERT J. SLATER, Fellow in Pediatrics.
GERTRUDE S. STERN, Fellow in Pediatrics.
FRANKLIN H. STREITFELD, Fellow in Pediatrics.
LEON I. CHARASH, Assistant in Pediatrics.
BERNARD EISENBERG, Assistant in Pediatrics.
HENRY U. GRUNEBaum, Assistant in Pediatrics.
DAVID KLIGLER, Assistant in Pediatrics.
RALPH B. MOORE, JR., Assistant in Pediatrics.
JULIAN B. SCHORR, Assistant in Pediatrics.
HELEN McNAMARA, Research Assistant in Pediatrics.
ELIZABETH V. NEW, Research Assistant in Pediatrics.

THIRD YEAR . . . A clinical lecture once a week throughout the entire school year presents the subjects of normal growth and development in infants and children, principles of nutrition with their application to infant feeding, and patients illustrating the peculiarities of disease in early life. Students serve as clinical clerks in pediatrics for a period of five and one-half weeks on the pavilions of The New York Hospital. They are assigned new cases in rotation and gain experience in diagnosis and in the management of sick children requiring hospital residence. They are on duty in rotation at night and week ends. The work of the clinical clerkship includes attendance at cardiac clinics and at departmental conferences. Special rounds and seminars are arranged for the benefit of the clerks. Instruction in contagious diseases is given at the Willard Parker Hospital. Total hours, 165.

FOURTH YEAR . . . The clinical lectures are continued through part of the fourth year. They are closely integrated with the fourth year lectures in internal medicine. Many of the students' activities are a part of the Comprehensive Care and Teaching Program (see page 61.) Students are assigned to the outpatient department in the mornings where they are given, under supervision, responsibility for the management of ambulatory pediatric patients. They take histories, make physical examinations, and prescribe treatment. A daily therapeutic conference supplements the clinical work. A series of seminars is held under the supervision of senior staff members. Emphasis is placed on the handling of psychosomatic problems and on measures which can be taken to promote proper

growth and development. Students are given the opportunity for longitudinal follow-up on individual patients so as to become familiar with normal growth and development of infants and children and the natural history of disease processes. Home visits and trips to inspect community resources are planned in relation to patient referrals to furnish students with understanding of home and community influences on the patient. Students are assigned to the well-baby clinic. Cooperation with the Department of Obstetrics makes possible contacts with mothers during the ante partum and lying-in period. Total hours, 66.

ELECTIVE COURSES . . . Elective courses are offered to fourth year students. These include the General Pediatric Clinics, Isolation Unit, some special Pediatric Clinics, and work in the Division of Child Development.

PHARMACOLOGY

McKEEN CATTELL, Professor of Pharmacology.
HARRY GOLD, Professor of Clinical Pharmacology.
WALTER MODELL, Associate Professor of Clinical Pharmacology.
WALTER F. RIKER, JR., Associate Professor of Pharmacology.
JANET TRAVELL, Associate Professor of Clinical Pharmacology.
SOLOMON GARB, Assistant Professor of Clinical Pharmacology.
JOSEPH F. REILLY, Assistant Professor of Pharmacology.
NATHANIEL T. KWIT, Instructor in Pharmacology.
GEORGE G. READER, Instructor in Pharmacology (Therapeutics).
SEYMOUR H. RINZLER, Instructor in Pharmacology.
JAY ROBERTS, Instructor in Pharmacology.
DOROTHY KARP, Research Fellow in Pharmacology.

EXPERIMENTAL PHARMACOLOGY . . . Laboratory work, demonstrations, conferences, and lectures given during the first term of the second year. The experiments are designed to illustrate a wide range of pharmacologic effects, the more important drugs being considered with reference to their action on different structures and their behavior in the organism. In conference, the laboratory data obtained by the class are assembled and discussed in relation to each other and to experiments reported in the literature. This course includes toxicology. 121 hours.

APPLIED PHARMACOLOGY . . . This course is given during the third trimester of the second year and is a continuation of the course in experimental pharmacology. It is intended to fill a gap between experimental pharmacology and the clinical use of drugs, and it deals with substances the pharmacological action of which can best be demonstrated on clinical material. This course includes practice in prescription writing. Emphasis is placed on evidence bearing directly on the human subject in health and diseases. 22 hours.

ELECTIVE COURSES

CONFERENCES ON THERAPY . . . Weekly informal conferences on treatment arranged by the departments of pharmacology and medicine in collaboration with other departments. These serve as a forum for the exchange of views and evaluation of evidence concerning drugs and other measures used in the treatment of disease, with open discussion by students, members of the College and Hospital staff, and visitors.

RESEARCH . . . Arrangements are made for individuals or groups to participate in original investigations with a view to learning the methods of pharmacological research. Special opportunities are afforded for work on enzyme systems, muscle-nerve, autonomic nervous system, and the cardiovascular system.

PHYSIOLOGY AND BIOPHYSICS

ROBERT F. PITTS, Professor of Physiology.
HENRY D. LAUSON, Associate Professor of Physiology.
FRANK G. CARPENTER, Assistant Professor of Physiology.
ROGER L. GREIF, Assistant Professor of Physiology.
JOHN MACLEOD, Assistant Professor of Physiology.
ROY C. SWAN, Assistant Professor of Physiology.
GEORGE R. FULLER, Instructor in Physiology.
GERHARD GIEBISCH, Instructor in Physiology.
PATRICK MULROW, Instructor in Physiology.
W. JAMES SULLIVAN, Instructor in Physiology.
BRUNO OCHWADT, Fellow in Physiology.
MARTHA B. MACLEOD, Assistant in Physiology.

FIRST YEAR . . . Lectures, conferences, laboratory experiments, and demonstrations. Physiology of muscle and nerve, gland secretion, digestion, the central nervous system, special senses, and endocrine organs. The laboratory work one full day a week includes experiments on these subjects. 110 hours.

SECOND YEAR . . . Lectures, conferences, laboratory experiments, and demonstrations. Physiology of respiration, blood, heart, circulation, kidney, and metabolism. Laboratory exercises one full day a week. 121 hours.

The course of instruction in physiology is directed toward an understanding of the principles involved in the functioning of the human body and the integration of its various systems. The lectures are supplemented by references to the current literature. The department is fortunate in having housed on the fourth floor of its building the Graham Lusk Library of Physiology, a gift to the department from its late Professor Graham Lusk. This includes bound volumes of complete sets of the important physiological and biochemical literature, monographs, handbooks, and textbooks, and is being supplemented by some of the current journals and monographs. In addition to the College library, the facilities of this library are at the disposal of the students of medicine.

The laboratory work includes a number of human experiments, emphasizes mammalian physiology, and is directed toward quantitative determinations. The laboratory experiments are chosen to illustrate fundamental principles in the respective fields of physiology and are correlated with lectures by means of conferences. The demonstrations include instruction in specialized techniques, experimental preparations, and presentation of clinical cases. These are facilitated by the participation and cooperation of staff members of various departments in the Medical College and the New York Hospital.

ELECTIVE COURSES

The department will arrange a schedule of work for fourth year students who wish to devote their elective time to physiology.

COURSES OPEN TO SPECIAL STUDENTS

1. *PHYSIOLOGY*. Fee, \$100 for each term.
2. *PHYSIOLOGICAL RESEARCH*. Subject to special arrangement with head of the department.

PSYCHIATRY

OSKAR DIETHELM, Professor of Psychiatry.
 PHYLLIS GREENACRE, Professor of Clinical Psychiatry.
 MARVIN K. OPLER, Visiting Professor of Anthropology (Social Psychiatry).
 THOMAS A. C. RENNIE, Professor of Psychiatry (Social Psychiatry).
 LEO SROLE, Visiting Professor of Sociology (Social Psychiatry).
 J. LOUISE DESPERT, Associate Professor of Clinical Psychiatry.
 WILLIAM H. DUNN, Associate Professor of Clinical Psychiatry.
 GEORGE W. HENRY, Associate Professor of Clinical Psychiatry.
 ALEXANDER H. LEIGHTON, Associate Professor of Clinical Psychiatry.
 ADE T. MILHORAT, Associate Professor of Medicine in Psychiatry.
 JAMES H. WALL, Associate Professor of Clinical Psychiatry.
 LIVINGSTON WELCH, Associate Professor of Clinical Psychology.
 HAROLD G. WOLFF, Associate Professor of Psychiatry.
 HELEN DANIELLS, Assistant Professor of Clinical Psychiatry.
 ALAN W. FRASER, Assistant Professor of Clinical Psychiatry.
 FRANCIS J. HAMILTON, Assistant Professor of Clinical Psychiatry.
 RICHARD L. HARRIS, Assistant Professor of Clinical Psychiatry.
 GERALD R. JAMEISON, Assistant Professor of Clinical Psychiatry.
 SEYMOUR G. KLEBANOFF, Assistant Professor of Psychology.
 RICHARD N. KOHL, Assistant Professor of Psychiatry.
 NORVELLE C. LAMAR, Assistant Professor of Clinical Psychiatry.*
 ANNE E. MILMAN, Assistant Professor of Biochemistry in Psychiatry.
 CURTIS T. PROUT, Assistant Professor of Clinical Psychiatry.
 FRED V. ROCKWELL, Assistant Professor of Clinical Psychiatry.
 MARY J. SHERFEY, Assistant Professor of Clinical Psychiatry.
 JOHN H. TRAVIS, Assistant Professor of Clinical Psychiatry.
 ARTHUR WEIDER, Assistant Professor of Psychology (Social Psychiatry).
 EXIE E. WELSCH, Assistant Professor of Clinical Psychiatry.
 DOROTHEA G. LEIGHTON, Associate in Psychiatry.
 HARRY ALPERT, Research Associate (Social Psychiatry).
 ERIC CLEVELAND, Research Associate in Psychiatry.
 THOMAS S. LANGNER, Research Associate in Psychiatry.
 WILLIAM D. LONGAKER, Research Associate in Psychiatry.
 ERIC J. SIMON, Research Associate of Biochemistry in Psychiatry.
 VALER BARBU, Instructor in Psychiatry.
 JULIAN I. BARISH, Instructor in Psychiatry.
 SARA A. BONNETT, Instructor in Psychiatry.
 ALBERT N. BROWNE-MAYERS, Instructor in Psychiatry.
 A. LOUISE BRUSH, Instructor in Psychiatry.
 ALEXANDER CARLEN, Instructor in Psychiatry.
 ERIC T. CARLSON, Instructor in Psychiatry.
 JOHN W. CARR, Instructor in Psychiatry.
 HOWARD N. COOPER, Instructor in Psychiatry.
 ELEANOR CRISSEY, Instructor in Psychiatry.
 G. RENEE FERGUSON, Instructor in Psychiatry.
 M. FREILE-FLEETWOOD, Instructor in Psychiatry.
 MARTIN J. GERSON, Instructor in Psychiatry.
 STEPHEN GOODYEAR, Instructor in Psychiatry.

*Leave of absence.

DONALD C. GREAVES, Instructor in Psychiatry.
JOHN GUSSEN, Instructor in Psychiatry.
LAWRENCE J. HATTERER, Instructor in Psychiatry.
THOMAS F. HENLEY, Instructor in Psychiatry.
JOHN H. HUGHES, Instructor in Psychiatry.
PETER T. JANULIS, Instructor in Psychiatry.
FRANCIS D. KANE, Instructor in Psychiatry.
WALTER W. KEMP, Instructor in Psychiatry.
PRICE A. KIRKPATRICK, Instructor in Psychiatry.
CHARLES A. KNEHR, Instructor in Psychology.
HELEN P. LANGNER, Instructor in Psychiatry.
JAMES F. MASTERSON, Jr., Instructor in Psychiatry.
JOHN F. McGRATH, Instructor in Psychiatry.
ROBERT E. PECK, Instructor in Psychiatry.
LEON L. RACKOW, Instructor in Psychiatry.
PETER F. REGAN, III, Instructor in Psychiatry.
ARNOLD A. SCHILLINGER, Instructor in Psychiatry.
LEONARD R. STRAUB, Instructor in Psychiatry.
ALBERT J. STUNKARD, Instructor in Psychiatry.
JOSEPH D. SULLIVAN, Instructor in Psychiatry.
HANS SYZ, Instructor in Psychiatry.
DAVID TIMRUD, Instructor in Psychiatry.
MORTON L. WADSWORTH, Instructor in Psychiatry.
NATHANIEL WARNER, Instructor in Psychiatry.
FREDERICK J. WERTZ, Instructor in Psychiatry.
WALTER D. WOODWARD, Instructor in Psychiatry.
HAROLD S. WRIGHT, Instructor in Psychiatry.
HANS OPPENHEIMER, Research Fellow of Biochemistry in Psychiatry.
IRWIN M. WEINSTOCK, Research Fellow of Biochemistry in Psychiatry.
REMO CERRULI, Assistant in Psychiatry.
THOMAS L. DOYLE, Jr., Assistant in Psychiatry.
FREDERIC F. FLACH, Assistant in Psychiatry.
ALVIN H. GOFF, Assistant in Psychiatry.
EDWARD C. MANN, Assistant in Psychiatry.
VANN E. SPRUIELL, Assistant in Psychiatry.
NATHAN STOCKHAMER, Assistant in Psychology.
GORDON TEMPLETON, Assistant in Psychiatry.
WILLIAM H. WAINWRIGHT, Assistant in Psychiatry.
JOSEPH S. WIELAWSKI, Assistant in Psychiatry.
ELEANOR LEACOCK, Research Assistant (Social Psychiatry).
VERA D. RUBIN, Research Assistant (Social Psychiatry).

The department of psychiatry offers instruction during each of the four years. The understanding of development of the normal personality forms a necessary basis for future clinical training. A course in psychopathology in the second year orients the student in personality disorders and in the methods of their examination and study. In the third year, this preliminary training is utilized in the study of patients at the Payne Whitney Psychiatric Clinic and on the pavilions of the New York Hospital. In the psychiatric outpatient department, during the fourth year, the student participates in the study and treatment of the diverse problems presenting themselves in general psychiatric practice. The importance of personality problems in general medicine is taught in the

pavilions of the New York Hospital and in the outpatient service of the Payne Whitney Psychiatric Clinic. Clinics are planned to unify these many activities and to offer in addition a broad understanding of treatment and investigation.

FIRST YEAR: PERSONALITY DEVELOPMENT . . . This course acquaints the student with the development and methods of study of the normal personality. Lectures, seminars, and selected films are utilized in presenting a dynamic orientation to the formation of personality from infancy through senescence. The significance of interpersonal relations is stressed, with particular emphasis on the patient-physician relationship. Psychological, physiological, and sociological factors are considered. Total hours, 22.

SECOND YEAR: PSYCHOPATHOLOGY AND METHODS OF EXAMINATION . . . The outstanding psychopathological phenomena are demonstrated and their psychodynamics studied by the students on patients in the outpatient department of the Payne Whitney Psychiatric Clinic and at the Manhattan State Hospital. This course offers practical experience in interviewing and history taking and in the methods of psychiatric examination. Total hours, 33.

THIRD YEAR: CLINICAL PSYCHIATRY . . . The principles of clinical diagnosis are presented, and a systematic review is given of the major reaction types and the dynamics of psychiatric disorders. In the pavilions of the New York Hospital, patients are studied with special emphasis on the importance of psychological factors and their role in disease and health. The intricacies of the doctor-patient relationship are emphasized.

FOURTH YEAR: CLINICAL PSYCHIATRY . . . In this course in the outpatient department of the Payne Whitney Psychiatric Clinic, the student carries out the treatment of individual patients. This course offers an opportunity to learn psychotherapy under close supervision and to understand the role of psychiatric social service and of psychological studies in the adjustment of these patients. Clinics with case presentation, with emphasis on psychiatric treatment and review of literature, are given on Wednesday from 2 to 3 o'clock. Seminars deal with the psychopathology of childhood and the management of related difficulties. Total hours, 99.

ELECTIVE WORK . . . Opportunities for elective work are provided in the out-patient department, in the laboratories of the Payne Whitney Psychiatric Clinic, and in the department of social psychiatry, with emphasis on community psychiatry and epidemiology of mental illness, and at the Westchester Division of the New York Hospital, White Plains, N.Y.

PUBLIC HEALTH AND PREVENTIVE MEDICINE

- WILSON G. SMILLIE, Professor of Public Health and Preventive Medicine.
LEONA BAUMGARTNER, Associate Professor of Clinical Public Health and Preventive Medicine.
SAMUEL R. BERENBERG, Assistant Professor of Clinical Public Health and Preventive Medicine.
BEATRICE B. BERLE, Assistant Professor of Clinical Public Health and Preventive Medicine.
IRWIN D. J. BROSS, Assistant Professor of Public Health and Preventive Medicine (Vital Statistics).
AARON D. CHAVES, Assistant Professor of Clinical Public Health and Preventive Medicine.
HERBERT R. EDWARDS, Assistant Professor of Clinical Public Health and Preventive Medicine.
FRANKLIN M. FOOTE, Assistant Professor of Clinical Public Health and Preventive Medicine.
AUGUST H. GROESCHEL, Assistant Professor of Public Health and Preventive Medicine.
BENJAMIN H. KEAN, Assistant Professor of Clinical Public Health and Preventive Medicine (Parasitology).
ANN P. KENT, Assistant Professor of Clinical Public Health and Preventive Medicine.
RICHARD E. LEE, Assistant Professor of Clinical Public Health and Preventive Medicine.
PHILIP OLLSTEIN, Assistant Professor of Clinical Public Health and Preventive Medicine.
WILLIS M. WEEDEN, Assistant Professor of Clinical Public Health and Preventive Medicine.
HOMER C. WICK, JR., Assistant Professor of Public Health and Preventive Medicine.
HAROLD N. WILLARD, Assistant Professor of Public Health and Preventive Medicine.
HUGH R. DEHAVEN, Research Associate in Public Health and Preventive Medicine.
BERNARD KUTNER, Research Associate in Public Health and Preventive Medicine.
FRANCES H. BOGATKO, Instructor in Public Health and Preventive Medicine.
JAMES H. EWING, Instructor in Public Health and Preventive Medicine.
JAMES R. MCCARROLL, Instructor in Public Health and Preventive Medicine.
ELENA PADILLA, Instructor in Public Health and Preventive Medicine.
THOMAS G. RIGNEY, Instructor in Public Health and Preventive Medicine.

SECOND YEAR: PARASITOLOGY . . . The course in parasitology is given by Dr. B. Kean and his associates. Dr. Kean is Consultant in Tropical Disease to the New York Hospital and has had extensive field experience in the tropics. Through his clinical contacts, Dr. Kean will be able to present many actual cases of parasitic diseases that will illustrate the laboratory exercises and the lectures. The important parasites of man are considered: the mode of transmission of each parasite is studied, as well

as the life cycle and intermediate hosts. Particular emphasis is placed on the clinical aspects of the various diseases that may be produced by the parasites. Prevention and control of human parasitic diseases are given proper consideration, and the therapy of these conditions is discussed.

This course is given each Thursday afternoon during the first trimester of the second year. A lecture or demonstration will be presented from 2 to 3 p.m., and the laboratory exercises are then carried on from 3 to 5 p.m. Total hours, 33.

SECOND YEAR: PUBLIC HEALTH . . . The course in public health is in the second term of the second year. The instruction is scheduled for each Monday afternoon from 2 to 5 p.m. for eleven exercises. The class is divided into two groups of approximately 40 students each, since laboratory and field instruction can best be presented to small groups.

Each student spends four afternoons in the study of biostatistics. These exercises are concerned essentially with a discussion of methods of statistical analysis as they relate to the interpretation of medical data.

The major portion of the allotted time in the second year is spent in consideration of procedures that are carried out by the community to protect and promote the health of its citizens. These include such matters as sanitation of water supplies, food sanitation, sewage disposal, and other environmental sanitary matters. Field trips are made to model housing projects, and a comparison is made with bad housing. Two afternoon exercises are devoted to industrial hygiene during which period visits are made to large industrial installations. The administration of official health department services is studied. This year two exercises will be devoted to a discussion of the influence of economic and social factors upon family and community illness. Total hours, 33.

THIRD YEAR . . . The course in the third year is termed Preventive Medicine. It is divided into two parts: (A) lectures and discussions; (B) section work.

(A) The lecture period is from 12 to 1 p.m. every Friday throughout the year. Approximately one-third of the lectures are devoted to epidemiology; one-third to the physician's responsibility in incorporating preventive medicine in clinical practice; and one-third to discussions relating to adequacy of medical care. Geriatrics and the early detection of chronic disease are discussed, and special exercises are given illustrating the general principles of rehabilitation.

(B) Section work. The students are divided into groups of 12 to 14, and each group is assigned to the Kips Bay-Yorkville Health Center all day, every Friday, for a period of five to six weeks. The "section" is divided into small groups of four students. These subsections participate in the activities of the Health Center, such as child health, school health, tuberculosis control, etc. One half-day session is spent in the Strang Cancer Prevention Clinic at Memorial Hospital, one half-day is spent in

rehabilitation, and one half-day with the New York State Department of Workmen's Compensation. Each student reports on his home visit with the public health nurse, and each student also makes a dietary appraisal of a family in the district. Total section work, 33 hours; total lectures, 33 hours.

FAMILY HEALTH ADVISERS . . . A student may elect to serve as a "Family Health Adviser." Each of these students is assigned a family from the clientele of the New York Hospital. Under careful guidance, over a period of one year, he becomes the confidential adviser to the family on health matters. He observes the economic and social status of the family, their housing and nutrition. As opportunity offers, he aids the family in the utilization of the community resources that may be available to meet the family health needs. Every student has a faculty consultant who meets with him regularly to discuss the special health problems that have arisen in relation to his special family.

COMMUNITY STUDY . . . If the student prefers, he may select a "Community Study" instead of an assignment as Family Health Adviser. This study consists of a report upon a community of his own choice, giving in detail the facilities provided by the community for care of illness and protection of community health. This report includes not only the activities of the community health and welfare departments, but also the hospital facilities, medical, nursing, and dental personnel, and all other phases of community activities that aid in providing adequate medical care.

FOURTH YEAR . . . The teaching program in preventive medicine in the fourth year is centered in the Comprehensive Care and Teaching Program. A member of the department has been selected as one of the teaching staff of this program. It is his function to interrelate preventive medicine with diagnosis and treatment in the comprehensive instruction. In addition, a member of the department is in charge of the teaching plan for rehabilitation and coordinates the teaching of this important subject for the fourth year class.

ELECTIVE COURSES

PREVENTIVE MEDICINE . . . An elective course is offered to students in the fourth year. Not more than four students will be accepted for any one period. Students will be assigned to the Kips Bay-Yorkville District Health Center and will participate in the various clinical and research activities of the Center. Part-time electives are also offered within the framework of the teaching in Comprehensive Care.

MEDICAL PARASITOLOGY . . . This course is intended to supplement and extend the required work in this field. Diagnosis, life histories of parasites and their vectors, and control measures are considered with special reference to tropical medicine.

RADIOLOGY

JOHN A. EVANS, Professor of Clinical Radiology.
HAROLD L. TEMPLE, Professor of Clinical Radiology.
SYDNEY WEINTRAUB, Professor of Clinical Radiology.
HARRY W. BURNETT, Associate Professor of Clinical Radiology.
RALPH F. PHILLIPS, Associate Professor of Clinical Radiology.
ROBERT S. SHERMAN, Associate Professor of Clinical Radiology.
ELIZABETH F. FOCHT, Assistant Professor of Radiology (Physics).
GEORGE JASPIN, Assistant Professor of Clinical Radiology.
JOHN L. McCLENAHAN, Assistant Professor of Clinical Radiology.
T. ARTHUR PEARSON, Assistant Professor of Clinical Radiology.
ISRAEL STEINBERG, Assistant Professor of Clinical Radiology.
STEPHEN WHITE, Assistant Professor of Clinical Radiology.
FLORENCE CHIEN-HWA CHU, Instructor in Radiology.
HERBERT G. KANTOR, Instructor in Radiology.
ALFRED W. KANY, Instructor in Radiology.
IRVING SCHWARTZ, Instructor in Radiology.
HENRY M. SELBY, Instructor in Radiology.
RUTH EVELYN SNYDER, Instructor in Radiology.
ANTHONY VASILAS, Instructor in Radiology.
DAVID H. BAKER, Assistant in Radiology.
MICHAEL J. ESPOSITO, Assistant in Radiology.
NATHANIEL FINBY, Assistant in Radiology.
JOSEPH J. GALLAGHER, Assistant in Radiology.
NATHAN POKER, Assistant in Radiology.

The teaching of radiology is conducted by didactic lectures, by section work with smaller groups in connection with clinical clerkships, and by presentation of the X-ray aspects of various cases at the regular conferences of the clinical departments. Moreover, elective courses given in the fourth year play an important part in supplementing these methods. A large film and lantern slide museum of cases carefully selected for their teaching value has been prepared. This is constantly added to from the abundant material passing through the department. Three floors of the L Building are assigned to X-ray work. In addition, equipment for special examinations is located in the Woman's Clinic, urology, psychiatry, and elsewhere in the Medical College and Hospital.

During the first year, in collaboration with the department of anatomy, anatomical structures are visualized by radiographic and roentgenoscopic methods.

The didactic work consists of a series of eleven lectures to the entire second year class. These include the fundamental principles of radiation physics, X-ray diagnosis, and X-ray and radium therapy, with the aim of making the student aware at this stage of the various uses of X-rays. The indications and limitations are stressed.

Section work is conducted in the third year, while the students are

serving as clinical clerks. The departments of medicine, pediatrics, and surgery assign each group receiving instruction from them to the department of radiology for regularly scheduled informal sessions. Specifically related X-ray material is presented and correlated with the clinical and laboratory findings. These sessions total approximately thirty hours.

Twenty lectures on roentgen diagnosis and radiation therapy are given to the fourth year class.

ELECTIVES

FOURTH YEAR . . .

(1) *X-ray Clinical Clerkships*. A limited number of students are accepted to observe, and assist, where possible, in the routine activities of the department. The routine includes film interpretations, fluoroscopy, therapeutic irradiation, and attendance at radiology conferences. Two conferences are held daily (L-611) at which time the more interesting diagnostic and therapeutic problems are discussed. One conference is held from 11:15 a.m. to 12:15 p.m. The second session, from 1 p.m. to 2 p.m., is limited to a review of the current examinations of the gastrointestinal tract.

(2) *Technique of Fluoroscopy*. Two hours. Limited to six students. Arrangements to be made through department head.

(3) *Gastrointestinal Fluoroscopy and Film Interpretation*. One month. Limited to six students at any one time. During the period of the elective, the students will be permitted to perform fluoroscopic examinations under supervision. Arrangements are to be made through the department head.

SURGERY

FRANK GLENN, Professor of Surgery.
ALEXANDER BRUNSCHWIG, Professor of Clinical Surgery.
GUILFORD S. DUDLEY, Professor of Clinical Surgery.
WILLIAM F. MACFEE, Professor of Clinical Surgery.
JOHN M. McLEAN, Professor of Clinical Surgery (Ophthalmology).
JOHN M. PEARCE, Professor of Pathology in Surgery.
BRONSON S. RAY, Professor of Clinical Surgery (Neurosurgery).
PRESTON A. WADE, Professor of Clinical Surgery.
PHILIP D. WILSON, Professor of Clinical Surgery (Orthopedics).
FRANK E. ADAIR, Associate Professor of Clinical Surgery.
JOSEPH F. ARTUSIO, Jr., Associate Professor of Surgery (Anesthesiology).
WILLIAM A. BARNES, Associate Professor of Clinical Surgery.
JOHN M. BEAL, Associate Professor of Clinical Surgery.
BRADLEY L. COLEY, Associate Professor of Clinical Surgery.
HERBERT CONWAY, Associate Professor of Clinical Surgery (Plastic Surgery).
WILLIAM A. COOPER, Associate Professor of Clinical Surgery.
NELSON W. CORNELL, Associate Professor of Clinical Surgery.
JOHN W. DRAPER, Associate Professor of Clinical Surgery (Urology).
JOHN H. ECKEL, Associate Professor of Clinical Surgery.
GEORGE F. EGAN, Associate Professor of Clinical Surgery (Dental Surgery).
KRISTIAN G. HANSSON, Associate Professor of Clinical Surgery (Physical Medicine).
CRANSTON W. HOLMAN, Associate Professor of Clinical Surgery.
SAMUEL F. KELLEY, Associate Professor of Clinical Surgery (Otolaryngology).
ERNEST W. LAMPE, Associate Professor of Clinical Surgery.
FREDERICK L. LIEBOLT, Associate Professor of Clinical Surgery (Orthopedics).
VICTOR F. MARSHALL, Associate Professor of Clinical Surgery (Urology).
HAYES E. MARTIN, Associate Professor of Clinical Surgery.
GERVAIS W. McAULIFFE, Associate Professor of Clinical Surgery (Otolaryngology).
ALLISTER M. McLELLAN, Associate Professor of Clinical Surgery (Urology).
JAMES A. MOORE, Associate Professor of Clinical Surgery (Otolaryngology).
S. W. MOORE, Associate Professor of Clinical Surgery.
WILLIAM F. NICKEL, Jr., Associate Professor of Clinical Surgery.
GEORGE T. PACK, Associate Professor of Clinical Surgery.
HERBERT PARSONS, Associate Professor of Clinical Surgery (Neurosurgery).
RUSSEL H. PATTERSON, Associate Professor of Clinical Surgery.
RICHMOND STEPHENS, Associate Professor of Clinical Surgery (Orthopedics).
T. CAMPBELL THOMPSON, Associate Professor of Clinical Surgery (Orthopedics).
NORMAN TREVES, Associate Professor of Clinical Surgery.
LEWIS C. WAGNER, Associate Professor of Clinical Surgery (Orthopedics).
JOHN P. WEST, Associate Professor of Clinical Surgery.
WILLET F. WHITMORE, Jr., Associate Professor of Clinical Surgery (Urology).
IRVIN BALENSWEIG, Assistant Professor of Clinical Surgery (Orthopedics).
STANLEY J. BEHRMAN, Assistant Professor of Clinical Surgery (Dental Surgery).
EUGENE E. CLIFFTON, Assistant Professor of Clinical Surgery.

- JOHN R. COBB, Assistant Professor of Clinical Surgery (Orthopedics).
ARTHUR D. CONSOLE, Assistant Professor of Clinical Surgery (Neurosurgery).
WILLIAM COOPER, Assistant Professor of Clinical Surgery (Orthopedics).
MICHAEL R. DEDDISH, Assistant Professor of Clinical Surgery.
JAMES A. DINGWALL, III, Assistant Professor of Clinical Surgery.
HOWARD S. DUNBAR, Assistant Professor of Clinical Surgery (Neurosurgery).
EDWARD A. DUNLAP, III, Assistant Professor of Clinical Surgery (Ophthalmology).
JOHN T. ELLIS, Assistant Professor of Pathology in Surgery.
HOLLON W. FARR, Assistant Professor of Clinical Surgery.
JOSEPH H. FARROW, Assistant Professor of Clinical Surgery.
GEORGE A. FIEDLER, Assistant Professor of Clinical Surgery (Urology).
EDGAR A. FRAZELL, Assistant Professor of Clinical Surgery.
HAROLD GENVERT, Assistant Professor of Clinical Surgery.
HELENA GILDER, Assistant Professor of Surgery (Biochemistry).
DAN M. GORDON, Assistant Professor of Clinical Surgery (Ophthalmology).
NORMAN L. HIGINBOTHAM, Assistant Professor of Clinical Surgery.
GUSTAVUS A. HUMPHREYS, Assistant Professor of Clinical Surgery (Urology).
D. REES JENSEN, Assistant Professor of Clinical Surgery.
JOSEPH T. KAUER, Assistant Professor of Clinical Surgery.
BERNARD MAISEL, Assistant Professor of Clinical Surgery.
BENJAMIN E. MARBURY, Assistant Professor of Clinical Surgery (Anesthesiology).
FRANK J. MCGOWAN, Assistant Professor of Clinical Surgery.
FREDERICK C. McLELLAN, Assistant Professor of Clinical Surgery (Urology).
GORDON P. McNEER, Assistant Professor of Clinical Surgery.
LAURENCE MISCALL, Assistant Professor of Clinical Surgery.
WARD D. O'SULLIVAN, Assistant Professor of Clinical Surgery.
ROBERT L. PATTERSON, Assistant Professor of Clinical Surgery (Orthopedics).
J. LAWRENCE POOL, Assistant Professor of Clinical Surgery.
PETER C. RIZZO, Assistant Professor of Clinical Surgery (Orthopedics).
JOHN G. SCHMIDT, Assistant Professor of Clinical Surgery.
STUART S. SNYDER, Assistant Professor of Clinical Surgery (Ophthalmology).
RICHARD B. STARK, Assistant Professor of Clinical Surgery (Plastic Surgery).
LEE R. STRAUB, Assistant Professor of Clinical Surgery (Orthopedics).
JOHN E. SUTTON, Assistant Professor of Clinical Surgery.
RICHARD C. TROUTMAN, Assistant Professor of Clinical Surgery (Ophthalmology).
FRANCIS P. TWINEM, Assistant Professor of Clinical Surgery (Urology).
WILLIAM L. WATSON, Assistant Professor of Clinical Surgery.
JEAN SEDAR, Research Associate in Surgery (Plastic Surgery).
JACOB APPLEBAUM, Instructor in Surgery.
WILLIAM R. ARMSTRONG, Instructor in Surgery.
ARMAND ARSENAULT, Instructor in Surgery.
WILLIAM H. AYRES, Instructor in Surgery.
HOWARD BALENSWEIG, Instructor in Surgery.
IRVING BARAS, Instructor in Surgery.
ANNE M. BELCHER, Instructor in Surgery.
FRANCIS A. BENEVENTI, Instructor in Surgery.
ROBERT J. BOOHER, Instructor in Surgery.
LEMUEL BOWDEN, Instructor in Surgery.
RICHARD J. BRASFIELD, Instructor in Surgery.
CHARLES N. BREED, JR., Instructor in Surgery.
McHENRY BREWER, Instructor in Surgery.

MITCHELL BRICE, Instructor in Surgery.
ROBERT J. BYERS, Instructor in Surgery.
WILLIAM G. CAHAN, Instructor in Surgery.
THOMAS I. CAREY, Instructor in Surgery.
DANIEL CATLIN, Instructor in Surgery.
ROBERT A. CLARK, Instructor in Surgery.
EDWARD C. COATS, Instructor in Surgery.
ELIZABETH F. CONSTANTINE, Instructor in Surgery.
ALEXANDER CONTE, Instructor in Surgery.
CARLETON M. CORNELL, Instructor in Surgery.
WILLIAM W. DANIEL, Instructor in Surgery.
ROBERT D. DEANS, Instructor in Surgery.
PETER DINEEN, Instructor in Surgery.
RALPH T. DiPACE, Instructor in Surgery.
J. EDWIN DREW, Instructor in Surgery.
WADE DULEY, Instructor in Surgery.
FRANK W. FARRELL, Instructor in Surgery.
AUSTIN I. FINK, Instructor in Surgery.
RICHARD FLANDREAU, Instructor in Surgery.
EDGAR P. FLEISHMANN, Instructor in Surgery.
MILTON GABEL, Instructor in Surgery.
THOMAS J. GARRICK, Instructor in Surgery.
JAMES L. GREEN, Instructor in Surgery.
EUGENE J. GUENARD, Instructor in Surgery.
CHARLES K. HAMILTON, Instructor in Surgery.
JAMES S. HARRISON, Instructor in Surgery.
CHARLES C. HARROLD, Jr., Instructor in Surgery.
DANIEL M. HAYS, Instructor in Surgery.
JAMES M. HOLMAN, Instructor in Surgery.
GEORGE R. HOLSWADE, Instructor in Surgery.
RUSSELL H. HOOKER, Instructor in Surgery.
SUZANNE A. L. HOWE, Instructor in Surgery.
FRANK J. HYNES, Instructor in Surgery.
ANTHONY JEROME, Instructor in Surgery.
RICHARD C. KARL, Instructor in Surgery.
EDWARD B. C. KEEFER, Instructor in Surgery.
JAMES T. KELLY, Instructor in Surgery.
OTTO C. KESTLER, Instructor in Surgery.
MICHAEL LAU, Instructor in Surgery.
S. T. LEE, Instructor in Surgery.
JOHN S. LEWIS, Instructor in Surgery.
LUCILE LOESKE, Instructor in Surgery.
ALFRED E. MAMELOK, Instructor in Surgery.
VALENTINO D. MAZZIA, Instructor in Surgery.
LEOPOLD MEHLER, Instructor in Surgery.
THEODORE R. MILLER, Instructor in Surgery.
OLIVER S. MOORE, Instructor in Surgery.
GEORGE C. MUELLER, Instructor in Surgery.
JAMES A. NICHOLAS, Instructor in Surgery.
JOHN B. OGILVIE, Instructor in Surgery.
EARL A. O'NEILL, Instructor in Surgery.
ALBERT J. PAQUIN, Instructor in Surgery.
STUART H. Q. QUAN, Instructor in Surgery.
ERIC C. RICHARDSON, Instructor in Surgery.
GUY F. ROBBINS, Instructor in Surgery.

MORRIS SCHNITTMAN, Instructor in Surgery.
REUVEN K. SNYDERMAN, Instructor in Surgery.
DAVID S. SPEER, Instructor in Surgery.
ROBERT M. SPELLMAN, Instructor in Surgery.
MAUS W. STEARNS, JR., Instructor in Surgery.
JOHN F. STRUVE, Instructor in Surgery.
BJORN THORBJARNARSON, Instructor in Surgery.
H. RANDALL TOLLEFSEN, Instructor in Surgery.
MARJORIE J. TOPKINS, Instructor in Surgery.
GEORGE K. TWEDDEL, JR., Instructor in Surgery.
JEROME A. URBAN, Instructor in Surgery.
WILLIS M. WEEDEN, Instructor in Surgery.
ROY G. WIGGANS, Instructor in Surgery.
PHILIP D. WILSON, JR., Instructor in Surgery.
WILFRED D. WINGEBACH, Instructor in Surgery.
WILLIAM I. WOLFF, Instructor in Surgery.
EDWARD W. D. NORTON, Research Fellow in Surgery.
DAVID BARR, Assistant in Surgery.
JOHN W. BELLVILLE, Assistant in Surgery.
PAUL W. BRAUNSTEIN, Assistant in Surgery.
D. STEPHEN BREEN, Assistant in Surgery.
NORMAN S. BUYS, Assistant in Surgery.
CARLOS M. CANE, Assistant in Surgery.
NORMAN S. C. CHU, Assistant in Surgery.
PAUL CLAPP, Assistant in Surgery.
WILLIAM COOPER, Assistant in Surgery.
GEORGE N. CORNELL, Assistant in Surgery.
WILLIAM L. CRAVER, Assistant in Surgery.
DuBOSE EGLESTON, Assistant in Surgery.
MATTHEW C. FINN, Assistant in Surgery.
ALAN S. FREMOND, Assistant in Surgery.
EDWARD I. GOLDSMITH, Assistant in Surgery.
ANITA H. GOULET, Assistant in Surgery.
ALEXANDER HERSCH, Assistant in Surgery.
MALCOLM R. HILL, Assistant in Surgery.
HENRY L. HOOD, Assistant in Surgery.
WALTER B. HOOVER, Assistant in Surgery.
ALBERT P. ISENHOUR, Assistant in Surgery.
GEORGE JOHNSON, JR., Assistant in Surgery.
IRA H. KAUFMAN, Assistant in Surgery.
THEODORE J. KERNS, Assistant in Surgery.
JEAN-CHARLES LAVOIE, Assistant in Surgery.
JEROME LAWRENCE, Assistant in Surgery.
HENRY L. MANNIX, Assistant in Surgery.
ROBERT E. McCABE, JR., Assistant in Surgery.
JOHN H. McGOVERN, Assistant in Surgery.
ALAN M. MOODIE, Assistant in Surgery.
GUNTHER P. NAGEL, Assistant in Surgery.
EDWARD J. NYGREN, Assistant in Surgery.
CHARLES PEARCE, Assistant in Surgery.
FREMONT C. PECK, Assistant in Surgery.
PAULINE PICKETT, Assistant in Surgery.
S. FRANK REDO, Assistant in Surgery.
ALFRED P. ROGERS, Assistant in Surgery.
PATRICK RYAN, Assistant in Surgery.

ROBERT I. SCHRIER, Assistant in Surgery.

PAUL SKUDDER, Assistant in Surgery.

I. ROBERT SPIER, Assistant in Surgery.

HARRY D. STEVENS, Assistant in Surgery.

GEORGE E. WANTZ, Assistant in Surgery.

ARTHUR W. WYKER, Jr., Assistant in Surgery.

GENERAL SURGERY

SECOND YEAR: A course in introductory surgery is presented during the third term of the second year. This course is devoted to the principles of history taking and examination of surgical patients. Groups of five or six students are assigned to each instructor for two hours each week. Total hours, 22.

THIRD YEAR: Emphasis is placed, in the third year, on the principles in diagnosis and the management of ambulatory patients and the surgical specialties. In the third year the students spend one term in the outpatient departments of general surgery and the surgical specialties. In the diagnostic clinic of general surgery, the students are assigned to new patients and obtain complete history and physical examinations. Differential diagnoses, diagnostic procedures, and therapy are formulated in conference with an attending surgeon. Patients are seen on return visits in order that progress and study of the results of diagnostic procedures may be determined and the subsequent course of the patient outlined in consultation with a staff member. In the minor surgical clinic, as much responsibility as possible is given to the students in the treatment of infections, removal of sutures, and dressing of wounds under the supervision of the surgical instructor. Students are assigned in rotation to the orthopedic, urologic, fracture, ENT, and ophthalmological clinics where they receive instruction in diagnosis and therapy in these surgical specialties. In addition to these clinic activities, a course in operative surgery on animals occupies one morning each week. A team of four students is responsible for the anesthesia and for the performance of a group of classical operative procedures. The course is designed to emphasize the fundamental principles of operative surgery. Lectures are given three times weekly for the entire group at which time selected topics are presented and discussed. A surgical clinic at the noon hour is held once weekly by the Professor of Surgery. A weekly clinical pathological conference is held for both third and fourth year students. Total hours, 330.

FOURTH YEAR: The fourth year assignment in Surgery is devoted to a clinical clerkship on the Surgical Pavilions. The student participates in the management of patients by obtaining a complete history and performing physical examinations and laboratory determinations with the opportunity of participating in the differential diagnosis and the pre-operative preparation and of being a member of the operating team in the

operating room. The student follows the course of the patient following operation and attends rounds on the Pavilions daily where the problems in management are discussed. A weekly conference is held with a surgical staff member to discuss problems of diagnosis, and the student participation is emphasized. Each week a symposium is conducted by a moderator from the surgical staff where the students present an analysis of the literature of recent advances in surgery. A surgical pathology conference is conducted weekly at which time gross and pathological findings are analyzed from patients from the Surgical Pavilions. Conferences are conducted at noon, four times weekly, in general surgery or one of the specialties including neurosurgery, thoracic surgery, plastic surgery, or anesthesiology. Members of both the third and fourth year classes attend the surgical grand rounds held each Saturday morning. Total hours, 264.

Special Students

ALL STUDENTS not registered in Cornell University Graduate School and not registered for the M.D. degree are SPECIAL STUDENTS. These are SPECIAL STUDENTS in the true sense of the word and must be especially qualified in preparation, ability, and objective in order to receive any consideration. They may or may not be graduate students in the sense of having completed work for a collegiate degree. They are admitted *only by the consent of the head of the department* and must be registered in the Administration Office of the Medical College and must pay their fees at the Business Office before being admitted to lectures or laboratory periods. They are required to carry and show on demand of the authorities a permit of attendance.

FEEES

Matriculation Fee	\$10
Administration Fee	\$ 5

Tuition fees vary depending upon the type of work taken.
A breakage fee may be required.

Table of Required Hours

	First Year	Second Year	Third Year	Fourth Year	Total
ANATOMY:					
GROSS ANAT. OF THE HUMAN BODY	374				
HISTOLOGY AND EMBRYOLOGY	180				
NEUROANATOMY	84				638
BIOCHEMISTRY	220				220
BACTERIOLOGY	55	88			143
PHYSIOLOGY	110	121			231
PATHOLOGY		308			308
PHARMACOLOGY		143			143
MEDICINE:					
PHYSICAL DIAGNOSIS		121			
CLINICAL PATHOLOGY		77			
NEUROLOGY		33			
SPECIALTIES, CLERKSHIP & OPD			297	264	
LECTURES		22	33		847
MEDICAL COMPREHENSIVE CARE*				310	
SURGERY:					
OPHTHALMOLOGY		22			
INTRODUCTORY SURGERY		22			
SPECIALTIES, CLERKSHIP & OPD			297	264	
LECTURES			33		638
OBSTETRICS AND GYNECOLOGY:					
PRACTICAL INSTRUCTION			66	264	
LECTURES			66		396
PEDIATRICS:					
PRACTICAL INSTRUCTION			132	66	
LECTURES			33		231
PSYCHIATRY:					
PSYCHOBIOLOGY	22				
PSYCHIATRY		33	33	66	
LECTURES				33	187
PUBLIC HEALTH:					
PARASITOLOGY		33			
FIELD AND SECTION		22	33		
LECTURES		11	33		132
CONTAGIOUS DISEASES			18		18
RADIOLOGY		11		20	31
ELECTIVE HOURS				(264)	
TOTALS	1045	1067	1074	1287	4473

*The Medical Comprehensive Care Program is a joint project of all clinical departments and the department of public health. In addition to the 310 hours not assigned to any one department, this program embraces the assigned fourth year curricular hours of medicine and pediatrics and part of those of psychiatry.

() Elective time not included in totals.

CORNELL MEDICAL COLLEGE
FIRST YEAR SCHEDULE
1954-55

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-10	Histology	Anatomy	Anatomy	Anatomy	Anatomy	Anatomy
10-11						
11-12						
12-1						
1-2	Biochemistry	Histology	Free	Biochemistry	Biochemistry	
2-3						
3-4	Anatomy			Histology	Histology	
4-5						

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-10	Neuro-anatomy	Histology	Anatomy	Neuro-anatomy		Neuro-anatomy† Histology
10-11					Library Lectures*	
11-12						
12-1						
1-2	Biochemistry	Anatomy		Biochemistry	Biochemistry	
2-3	Anatomy		Free	Anatomy	Anatomy	
3-4						
4-5						

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-10	Biochemistry	Physiology	Biochemistry	Physiology	Biochemistry	Physiology
10-11						
11-12				Bacteriology		
12-1				Psychiatry		Psychiatry
1-2						
2-3	Bacteriology	Physiology	Free	Bacteriology	Biochemistry	
3-4						
4-5						

* When scheduled.

† Five sessions histology and 6 neuroanatomy.

SECOND YEAR SCHEDULE

1954-55

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday		
9-10	Pharmacology	Physiology	Physiology	Pharmacology	Physiology	Physiology		
10-11			Bacteriology		Pharmacology		Pharmacology	
11-12					Bacteriology	Bacteriology		Pharmacology
12-1								
1-2								
2-3	Bacteriology	Physiology	Free	Parasitology	Bacteriology			
3-4								
4-5								

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-10	Pathology	Pathology	Pathology	Pathology	Pathology	Pathology
10-11						
11-12						
12-1						
1-2	Public Health	Physical Diagnosis	Free	Physical Diagnosis	Psychiatry	
2-3						
3-4						
4-5						

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-10	Physical Diag. "A" Neuro. Surg. Diag. IV	Pathology	Physical Diag. "B" Neuro. Diag. I	Physical Diag. "A" Neuro. Surg. Diag. III	Physical Diag. "B" Neuro. Surg. Diag. II	Pathology
10-11						
11-12						
12-1	Appl. Pharm.	Appl. Pharm.	Introductory Medicine	Neurology	Introductory Medicine	
1-2						
2-3	Ophthalmology	Clinical Pathology	Free		Clinical Pathology	
3-4	Clinical Pathology				Ophthalmology	
4-5				Radiology		

THIRD YEAR SCHEDULE

1954-55

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-10	Group A: Medicine (1); Ob.-Gyn., Ped., Psych., Pb.Hl. (2); Surgery (3) Group B: Surgery (1); Medicine (2); Ob.-Gyn., Ped., Psych., Pb. Hl. (3). Group C: Ob.-Gyn., Ped., Psych., Pb.-Hl. (1); Surgery (2); Medicine (3).					
10-11						
11-12						
12-1	Pediatrics	Ob.-Gyn.	Surgery	Medicine	Pb. Hl.	Ob.-Gyn.
1-2						
2-3			Free			
3-4	C.P.C.					
4-5						

DETAILED SCHEDULE—HALF TERM (5½ WEEKS)
PEDIATRICS

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-10	Ob.-Gyn.	Pediatrics				
10-11						
11-12						
12-1	Pediatrics	Ob.-Gyn.	Surgery	Medicine	Pb.-Hl.	Ob.-Gyn.
1-2						
2-3	Pediatrics	Pediatrics	Free	Pediatrics		
3-4						
4-5	C.P.C.					

DETAILED SCHEDULE—HALF TERM (5½ WEEKS)
OBSTETRICS AND GYNECOLOGY, PSYCHIATRY,
PUBLIC HEALTH, CONTAGIOUS DISEASES

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-10	Ob.-Gyn.	Ob.-Gyn.	Contag. Diseases	Ob.-Gyn.	Pb. Hl.	Free
10-11						
11-12						
12-1	Pediatrics	Ob.-Gyn.	Surgery	Medicine	Pb. Hl.	Ob.-Gyn.
1-2						
2-3		Psychiatry	Free	Psychiatry	Pb. Hl.	
3-4						
4-5	C.P.C.					

FOURTH YEAR SCHEDULE

1954-55

TWO SEMESTERS (SIX DIVISIONS) 22½ WEEKS EACH
JUNE 28 to MAY 28

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-1	<div> <div>1st Semester</div> <div>Section I Medical Comprehensive Care</div> <div>Section II D Elec. (1); Ob.-Gyn. (2); Surg. (3). E Surg. (1); Elec. (2); Ob.-Gyn. (3). F Ob.-Gyn. (1); Surg. (2); Elec. (3).</div> </div> <div> <div>2nd Semester</div> <div>{ A Elec. (1); Ob.-Gyn. (2); Surg. (3). B Surg. (1); Elec. (2); Ob.-Gyn. (3). C Ob.-Gyn. (1); Surg. (2); Elec. (3).</div> <div>Medical Comprehensive Care</div> </div>					
1-2						
2-3			Psychiatry			
3-4						
4-5	C.P.C.		Special Lect.			

DETAILED SCHEDULE MEDICAL COMPREHENSIVE CARE

Morning:	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Group I { A B	Pediatrics Medicine	Medicine Pediatrics	Pediatrics Medicine	All Groups (9:00-10:00) Lecture	Medicine Pediatrics	All Groups Special Conference
II { C D	Seminar Sp'ty Elec.	Sp'ty Elec. Seminar	Seminar Medicine S	(10:00-11:30) Medical Grand Rounds (12:00-1:00) Radiology	Sp'ty Elec. Seminar	
Afternoon:						
I { A B	{ Seminar Pediatrics Sp'ty Elec.	Sp'ty Elec. Seminar	All Groups (2:00-3:00) Psychiatry (3:00-4:00)	Seminar Sp'ty Elec.	Sp'ty Elec.	
II { C D	Psychiatry Medicine	Medicine Psychiatry	Com. Care Conf (4:00-5:00) Special Lecture	Psychiatry Medicine	{ Seminar Pediatrics Medicine Psychiatry (4:00-5:00) All Groups Pediatric Grand Rounds	

Groups I and II switch at the end of eleven weeks.

Sloan-Kettering Division

BY AGREEMENT dated June 16, 1950, between Cornell University, Sloan-Kettering Institute for Cancer Research, Memorial Center for Cancer and Allied Diseases, and the Society of the New York Hospital, a graduate division of Cornell University Medical College was established to be known as the Sloan-Kettering Division of Cornell University Medical College.

While each party to the above agreement continues under control and management of its respective Board of Trustees or Managers, there is established a Coordinating Board of eight members, of which two shall be chosen by each of the parties to this agreement. This Board will act as a clearing house of information and as a coordinator of those functions in which all of the parties to this agreement are interested and will make recommendations to the respective Boards of the parties to the agreement.

The Coordinating Board of the Sloan-Kettering Division of Cornell University Medical College consists at present of the following members:

Representatives of Memorial Center

Reginald G. Coombe

Nicholas H. Noyes

Representatives of Sloan-Kettering Institute

Frank A. Howard

Raymond P. Sloan

Representatives of Cornell University

Arthur H. Dean, Chairman of the Executive Committee of the Board of Trustees
Deane W. Malott, President of the University.

Representatives of the Society of the New York Hospital

John Hay Whitney

Henry S. Sturgis

FACULTY

PROFESSORS

OSCAR BODANSKY, *Professor of Biochemistry*. Attending Clinical Biochemist, Memorial Hospital. (A.B. 1921, Ph.D. 1925, Columbia; M.D. 1938, University of Chicago. [1946; 1951])

GEORGE B. BROWN, *Professor of Biochemistry*. (B.S. 1934, Illinois Wesleyan; M.S. 1936, Ph.D. 1938, University of Illinois. [1939; 1951])

JOSEPH H. BURCHENAL, *Professor of Medicine*. Attending Physician, Memorial Hospital. (M.D. 1937, University of Pennsylvania. [1949; 1952])

EMERSON DAY, *Professor of Preventive Medicine*. Director, Strang Cancer Clinic. (B.S. 1934, Dartmouth; M.D. 1938, Harvard. [1947; 1954])

THOMAS F. GALLAGHER, *Professor of Biochemistry*. (A.B. 1927, Fordham University; Ph.D. 1931, University of Chicago. [1951])

- JAMES J. NICKSON, *Professor of Radiology*. Attending Radiation Therapist, Memorial Hospital. (B.S. 1936, University of Washington; M.D. 1940, Johns Hopkins. [1949; 1951])
- HENRY T. RANDALL, *Professor of Surgery*. Clinical Director and Chief of Surgical Services, Memorial Hospital. (A.B. 1937, Princeton; M.D. 1941, Med.Sc.D. 1950, Columbia. [1950; 1951])
- RULON W. RAWSON, *Professor of Medicine*. Attending Physician, Memorial Hospital. (M.B. 1937, M.D. 1938, Northwestern. [1948; 1951])
- CORNELIUS P. RHOADS, *Professor of Pathology*. Scientific Director, Memorial Center for Cancer and Allied Diseases. (A.B. 1920, Bowdoin; M.D. 1924, Harvard. [1941])
- FRED W. STEWART, *Professor of Pathology*. Attending Pathologist, Memorial Hospital; Attending Pathologist, New York Hospital. (A.B. 1916, Ph.D. 1919, Cornell; M.D. 1924, Harvard. [1928; 1949])
- C. CHESTER STOCK, *Professor of Biochemistry*. (B.S. 1932, Rose Polytechnic Institute; Ph.D. 1937, Johns Hopkins University; M.S. 1941, New York University. [1951])
- GEORGE W. WOOLLEY, *Professor of Biology*. (B.S. 1930, Iowa State College; M.S. 1931, Ph.D. 1935, University of Wisconsin. [1951])

ASSOCIATE PROFESSORS

- ARTHUR C. ALLEN, *Associate Professor of Pathology*. Associate Attending Pathologist, Memorial Hospital. (B.S. 1931, M.D. 1936, University of California. [1951])
- AARON BENDICH, *Associate Professor of Biochemistry*. (B.S. 1939, College of the City of New York; Ph.D. 1946, Columbia University. [1952; 1953])
- HAROLD BEYER, *Associate Professor of Biophysics*. (A.B. 1934, Ph.D. 1943, Columbia University. [1951])
- JOHN J. BIESELE, *Associate Professor of Biology*. (A.B. 1939, Ph.D. 1942, University of Texas. [1950; 1952])
- LIEBE F. CAVALIERI, *Associate Professor of Biochemistry*. (B.S. 1943, M.S. 1944, Ph.D. 1945, University of Pennsylvania. [1952; 1953])
- FRANK W. FOOTE, JR., *Associate Professor of Pathology*. Attending Pathologist, Memorial Hospital; Associate Attending Pathologist, New York Hospital. (A.B. 1931, M.D. 1935, University of Virginia. [1949])
- WILLIAM HOWLAND, *Associate Professor of Surgery (Anesthesiology)*. Chief, Department of Anesthesiology, Memorial Hospital. (B.S. 1941, Notre Dame; M.D. 1944, Columbia. [1954])
- DAVID A. KARNOFSKY, *Associate Professor of Medicine*. Associate Attending Physician, Memorial Hospital. (A.B. 1934, University of California; A.M. 1936, M.D. 1940, Stanford. [1949; 1952])
- JOHN S. LAUGHLIN, *Associate Professor of Biophysics*. Attending Physicist, Memorial Hospital. (A.B. 1940, Willamette University; M.S. 1942, Haverford College; Ph.D. 1947, University of Illinois. [1952])
- ALICE E. MOORE, *Associate Professor of Biology*. (A.B. 1930, A.M. 1935, Ohio State University; M.D. 1942, New York University College of Medicine. [1951])
- OLOF H. PEARSON, *Associate Professor of Medicine*. Assistant Attending Physician, Memorial Hospital. (A.B. 1934, M.D. 1939, Harvard University. [1949; 1952])
- MARY L. PETERMANN, *Associate Professor of Biochemistry*. (A.B. 1929, Smith College; Ph.D. 1939, University of Wisconsin. [1951])
- FREDERICK S. PHILIPS, *Associate Professor of Pharmacology*. (A.B. 1936, Columbia; Ph.D. 1940, Rochester. [1948; 1951])

- HOWARD L. RICHARDSON, *Associate Professor of Pathology*. Assistant Attending Pathologist, Memorial Hospital. (B.S. 1936, College of Puget Sound; M.A. 1940; M.D. 1940, University of Oregon Medical School. [1952])
- PAUL M. ROLL, *Associate Professor of Biochemistry*. (B.S. 1936, University of Santa Clara; M.A. 1942, Ph.D. 1947, Stanford University. [1952; 1953])

ASSISTANT PROFESSORS

- GENEVIEVE BADER, *Assistant Professor of Preventive Medicine*. Assistant Attending Physician, Strang Cancer Prevention Clinic. (A.B. 1940, Barnard; M.D. 1943, New York University College of Medicine. [1954])
- M. EARL BALIS, *Assistant Professor of Biochemistry*. (A.B. 1943, Temple University; M.S. 1947, Ph.D. 1949, University of Pennsylvania. [1952; 1953])
- RALPH K. BARCLAY, *Assistant Professor of Biochemistry*. (B.S. 1938, University of Illinois; Ph.D. 1949, Iowa State College. [1953])
- DONALD A. CLARKE, *Assistant Professor of Pharmacology*. (B.S. 1937, Philadelphia College of Pharmacy and Science; M.A. 1946, Ph.D. 1950, Cornell. [1952; 1953])
- HARVEY SHIELDS COLLINS, *Assistant Professor of Medicine*. Assistant Attending Physician, Memorial Hospital. (B.S. 1935, University of California; M.A. 1940, M.D. 1943, Harvard. [1952; 1954])
- A. R. T. DENUES, *Assistant Professor of Biology*. (B.E. 1935, M.G.E. 1937, Johns Hopkins; Ph.D. 1939, University of Maryland. [1952; 1954])
- DAVID K. FUKUSHIMA, *Assistant Professor of Biochemistry*. (A.B. 1939, Whittier College; A.M. 1943, University of California at Los Angeles; Ph.D. 1946, University of Rochester. [1952])
- LEON D. HELLMAN, *Assistant Professor of Medicine*. Clinical Assistant in Medicine, Memorial Hospital. (A.B. 1941, Columbia University; M.D. 1945, Long Island College of Medicine; Med.Sc.D. 1951, Columbia University. [1952])
- RAYMOND W. HOUDE, *Assistant Professor of Medicine*. Assistant Attending Physician, Memorial Hospital. (A.B. 1940, New York University; M.D. 1943, New York University College of Medicine. [1950; 1953])
- DORRIS J. HUTCHISON, *Assistant Professor of Bacteriology*. (B.S. 1940, Western Kentucky State; M.S. 1943, University of Kentucky; Ph.D. 1949, Rutgers. [1952; 1954])
- HENRY J. KOCH, JR., *Assistant Professor of Medicine*. Assistant Attending Physician, Memorial Hospital. (A.B. 1939, Holy Cross; M.D. 1943, Harvard University. [1950; 1953])
- LEOPOLD G. KOSS, *Assistant Professor of Pathology*. (M.D. 1946, University of Berne. [1954])
- ROBERT C. MELLORS, *Assistant Professor of Biology*. Fellow in Pathology, Memorial Hospital. (A.B. 1937, A.M. 1938, Ph.D. 1940, Western Reserve University; M.D. 1944, Johns Hopkins University. [1952])
- WILLIAM L. MONEY, *Assistant Professor of Biology*. (A.B. 1943, Brown University; Ph.D. 1947, Harvard University. [1949; 1951])
- M. LOIS MURPHY, *Assistant Professor of Medicine*. Clinical Assistant Pediatrician, Memorial Hospital. (A.B. 1939, M.D. 1944, Nebraska. [1952; 1954])
- W. P. LAIRD MYERS, *Assistant Professor of Medicine*. Clinical Assistant in Medicine, Memorial Hospital. (B.S. 1943, Yale; M.D. 1945, Columbia; M.S. (Med.) 1952, Minnesota. [1953; 1954])
- H. CHRISTINE REILLY, *Assistant Professor of Bacteriology*. (B.S. 1941, New Jersey College for Women; Ph.D. 1946, Rutgers University. [1952])
- OLGA SCHWEIZER, *Assistant Professor of Surgery (Anesthesiology)*. Attending Anesthesiologist, Memorial Hospital. (A.B. 1932, Barnard; M.D. 1937, Columbia. [1954])

- MARTIN SONENBERG, *Assistant Professor of Medicine*. Clinical Assistant in Medicine, Memorial Hospital. (B.S. 1941, Pennsylvania; M.D. 1944, Ph.D. 1952, New York University. [1950; 1954])
- CHESTER M. SOUTHAM, *Assistant Professor of Medicine*. Assistant Attending Physician, Memorial Hospital. (B.S. 1941, M.S. 1943, University of Idaho; M.D. 1947, Columbia University. [1951; 1952])
- SOPHIE SPITZ, *Assistant Professor of Pathology*. Assistant Attending Pathologist, Memorial Hospital. (A.B. 1929, M.D. 1932, Vanderbilt University. [1952])
- HELENE W. TOOLAN, *Assistant Professor of Pathology*. (B.S. 1929, University of Chicago; Ph.D. 1946, Cornell University Medical College. [1952])
- LOUIS VENET, *Assistant Professor of Preventive Medicine*. Assistant Director Strang Cancer Prevention Clinic. (B.S. 1933, M.D. 1937, New York University. [1954])
- JOHN M. WALKER, *Assistant Professor of Surgery*. Assistant Attending Surgeon, Assistant Clinical Director, Memorial Hospital. (Ph.D. 1931, Yale University; M.D. 1936, Columbia University. [1953])
- CHARLES D. WEST, *Assistant Professor of Medicine*. Clinical Assistant in Medicine, Memorial Hospital. (A.B. 1941, M.D. 1944, Ph.D. 1950, University of Utah. [1952; 1953])
- HELEN Q. WOODARD, *Assistant Professor of Biochemistry*. Associate Attending Biochemist, Memorial Hospital. (B.S. 1920, Stetson University; Ph.D. 1925, Columbia University. [1952])
- ERNEST L. WYNDER, *Assistant Professor of Preventive Medicine*. Senior Resident in Medicine, Memorial Hospital. (A.B. 1943, New York University; M.D. 1950, Washington University. [1954])
- SAI-HOU YING, *Assistant Professor of Preventive Medicine*. Clinical Assistant, Strang Cancer Prevention Clinic. (B.S. 1931, Soochow; M.D. 1935, National Medical College of Shanghai. [1954])

EDUCATIONAL PLAN OF INSTRUCTION

The facilities of the Sloan-Kettering Graduate Division consist of a thirteen story laboratory unit (Sloan-Kettering Institute) in direct connection with two hospitals—Memorial Hospital, a voluntary institution of 280 beds, and the James Ewing Hospital, a unit of the New York City hospital system with 270 beds. The Strang Clinic, another building in the unit, houses the work in preventive medicine in cancer.

The type of training offered in this Division of the Medical College is primarily for candidates who are working toward an advanced degree. The plan of organization for teaching and research affords ample opportunities for direct participation in investigative work on cancer and allied diseases in recognized divisions of the physical and biological sciences but not in any of the clinical fields such as medicine, pediatrics, and surgery. In addition to the conventional disciplines of biochemistry, biophysics, and pathology, a new department has been organized under the heading of "Biology and Growth." This department presents lectures and laboratory work in the field of normal and neoplastic growth, which do not fall in the usual curricular divisions.

BIOCHEMISTRY

OSCAR BODANSKY, Professor of Biochemistry.
GEORGE W. BROWN, Professor of Biochemistry.

THOMAS F. GALLAGHER, Professor of Biochemistry.
AARON BENDICH, Associate Professor of Biochemistry.
LIEBE F. CAVALIERI, Associate Professor of Biochemistry.
MARY L. PETERMANN, Associate Professor of Biochemistry.
PAUL M. ROLL, Associate Professor of Biochemistry.
M. EARL BALIS, Assistant Professor of Biochemistry.
DAVID K. FUKUSHIMA, Assistant Professor of Biochemistry.
HELEN Q. WOODARD, Assistant Professor of Biochemistry.
C. T. BEER, Research Associate in Biochemistry.
H. LEON BRADLOW, Research Associate in Biochemistry.
LEONHARD KORNGOLD, Research Associate in Biochemistry.
NORMA S. LEEDS, Research Associate in Biochemistry.
ROBERT S. ROSENFELD, Research Associate in Biochemistry.
IVAN I. SALAMON, Research Associate in Biochemistry.
MORTON K. SCHWARTZ, Instructor in Biochemistry.
GILBERT GOLDSTEIN, Research Fellow in Biochemistry.
HERBERT WEINFELD, Research Fellow in Biochemistry.

ELECTIVE COURSES

Special work may be undertaken in the fields of electrolyte metabolism, enzymology, immunochemistry, protein and nucleoprotein chemistry and metabolism, and the chemistry and metabolism of steroids by arrangement with the appropriate member of the department.

BIOLOGY AND GROWTH

CORNELIUS P. RHOADS, Professor of Pathology.
C. CHESTER STOCK, Professor of Biochemistry.
GEORGE W. WOOLLEY, Professor of Biology.
JOHN J. BIESELE, Associate Professor of Biology.
ALICE E. MOORE, Associate Professor of Biology.
FREDERICK S. PHILIPS, Associate Professor of Pharmacology.
RALPH K. BARCLAY, Assistant Professor of Biochemistry.
DONALD A. CLARKE, Assistant Professor of Pharmacology.
A. R. T. DENUES, Assistant Professor of Biology.
DORRIS J. HUTCHISON, Assistant Professor of Bacteriology.
ROBERT MELLORS, Assistant Professor of Biology.
WILLIAM L. MONEY, Assistant Professor of Biology.
H. CHRISTINE REILLY, Assistant Professor of Bacteriology.
HELENE W. TOOLAN, Assistant Professor of Pathology.
CHARLOTTE FRIEND, Research Associate in Bacteriology.
LEONARD D. HAMILTON, Research Associate in Biology.
CECILY CANNAN SELBY, Research Associate in Biology.
JOHN A. JACQUEZ, Instructor in Biology.

ELECTIVE COURSES

Investigative facilities are available for studies in pharmacology, microbiology, endocrinology, genetics, and virology as related to the initiation and growth of various types of cancer. Training will be given in the special procedures used in experimental cancer chemotherapy. Arrangements for the desired type of work may be made with the appropriate member of the department.

BIOPHYSICS

HAROLD BEYER, Associate Professor of Biophysics.
JOHN S. LAUGHLIN, Associate Professor of Biophysics.
THEODORE HALL, Research Associate in Biophysics.
JACQUES OVADIA, Research Associate in Biophysics.
MONES BERMAN, Research Fellow in Biophysics.

ELECTIVE COURSES

Facilities are available for training in radiologic physics (including high energy phenomena,) radiobiology, tracer work (stable and radioactive), radioautography, soft X-ray absorption, electronics, and theory and practice of radiation detection. Arrangements may be made with the department head.

MEDICINE

RULON W. RAWSON, Professor of Medicine.
JOSEPH H. BURCHENAL, Professor of Medicine.
DAVID A. KARNOFSKY, Associate Professor of Medicine.
OLOF H. PEARSON, Associate Professor of Medicine.
HARVEY S. COLLINS, Assistant Professor of Medicine.
LEON D. HELLMAN, Assistant Professor of Medicine.
RAYMOND W. HOUDE, Assistant Professor of Medicine.
HENRY J. KOCH, Jr., Assistant Professor of Medicine.
M. LOIS MURPHY, Assistant Professor of Medicine.
W. P. LAIRD MYERS, Assistant Professor of Medicine.
MARTIN SONENBERG, Assistant Professor of Medicine.
CHESTER M. SOUTHAM, Assistant Professor of Medicine.
CHARLES D. WEST, Assistant Professor of Medicine.
ROSE-RUTH ELLISON, Research Associate in Medicine.
KATHLEEN E. ROBERTS, Research Associate in Medicine.
MARGUERITE SYKES, Research Associate in Medicine.
GEORGE C. ESCHER, Instructor in Medicine.
ALAN MERMANN, Instructor in Medicine.
CHARLOTTE T. C. TAN, Instructor in Medicine.
JAMES W. POPPELL, Research Fellow in Medicine.
DOROTHY WEBER SVED, Research Fellow in Medicine.
MUNIRE YUCEOGLU, Research Fellow in Medicine.

ELECTIVE COURSES

Elective courses lasting two to four months are available for fourth year students to work in the sections of clinical investigation. The following courses are offered by the Division of Clinical Investigation:

1. Hematology. A maximum of two students can be accepted.
2. Isotopic technics in medicine. A maximum of two students can be accepted.
3. Metabolic methods in clinical medicine. One student can be accepted.
4. Thyroid physiology. A maximum of two students can be accepted.

5. A series of lectures on the natural history of various types of neoplastic disease and on the medical management of cancer presented by the medical neoplasia and chemotherapy services.

A maximum of four students can be accepted for training in the technics of evaluating chemotherapeutic agents in cancer, through the care of the patients on the wards and in the outpatient department, and by participation in the weekly service conferences.

PATHOLOGY

FRED W. STEWART, Professor of Pathology.
ARTHUR C. ALLEN, Associate Professor of Pathology.
FRANK W. FOOTE, JR., Associate Professor of Pathology.
HOWARD RICHARDSON, Associate Professor of Pathology.
LEOPOLD G. KOSS, Assistant Professor of Pathology.
SOPHIE SPITZ, Assistant Professor of Pathology.
STEPHEN S. STERNBERG, Research Associate in Pathology.
DOUGLAS SUNDERLAND, Research Associate in Pathology.

ELECTIVE COURSES

Fourth year medical students are accepted for elective work in tumor pathology for periods of one month or longer at any time through special arrangement. Such students are assigned to a graduate Fellow in pathology who will serve as tutor. They shall observe and assist at autopsies and examination of gross surgical specimens, and microscopic diagnosis; they shall attend weekly clinicopathologic conferences and departmental conferences. Formal lectures are not offered. A microscope is required.

PREVENTIVE MEDICINE

EMERSON DAY, Professor of Preventive Medicine.
GENEVIEVE M. BADER, Assistant Professor of Preventive Medicine.
LOUIS VENET, Assistant Professor of Preventive Medicine.
ERNEST L. WYNDER, Assistant Professor of Preventive Medicine.
SAI-HOU YING, Assistant Professor of Preventive Medicine.

ELECTIVE COURSES

An elective course in methods of cancer detection for fourth year students is available by arrangement with the department head. Experience is offered in general and special examination procedures, including proctosigmoidoscopy and the clinical application of cytological techniques. Two students can be accepted for periods of one month or longer.

The department offers opportunities for research in early cancer and precancer, cytology, and the epidemiology of cancer. Special studies in these fields can be arranged with the department head.

RADIOLOGY

JAMES J. NICKSON, Professor of Radiology.
SAM H. SEAL, Instructor in Radiology.

ELECTIVE COURSES

1. Lectures in Radiation Therapy. Thursday afternoons, 5-6, January through April.
2. Lectures in Radiological Physics. Wednesday afternoons, 5-6, January through April.
3. Lectures in Radiobiology. Monday afternoons, 5:30-6:30, January through April.

In addition, elective students will be taken for a period of three months for half-time work in laboratory investigations of the effect of ionizing radiations on biological material. This course will be arranged after interview only.

SURGERY

HENRY T. RANDALL, Professor of Surgery.

WILLIAM HOWLAND, Associate Professor of Surgery (Anesthesiology).

OLGA SCHWEIZER, Assistant Professor of Surgery (Anesthesiology)

JOHN M. WALKER, Assistant Professor of Surgery.

PAUL BOYAN, Instructor in Surgery (Anesthesiology).

MARJORIE CREWS, Instructor in Surgery (Anesthesiology).

JOSEPH FORTNER, Instructor in Surgery.

ELECTIVE COURSES

Opportunities are available for clinical investigation in problems of metabolism, particularly in water and electrolyte metabolism and renal function as related to surgical problems. There are special facilities for animal studies in experimental surgery and surgical physiology pertaining to problems of major surgery in the cancer field. Arrangements may be made with the department head.

Internship Appointments, Class of 1954

DOCTORS OF MEDICINE, JUNE 9, 1954

Frederick Ralph Abrams	Army (Letterman), San Francisco, Calif.
Ronald Hunt Allen	Presbyterian Hospital, New York, N.Y.
Eugene Antelis	Kings County Hospital, Brooklyn, N.Y.
Nancy Carolynn Arnold	University of Minnesota Hospitals, Minneapolis, Minn.
James Hartford Arthur	Strong Memorial Hospital, Rochester, N.Y.
Wilmot Coles Ball, Jr.	New York Hospital, New York, N.Y.
Russel Mahdi Barakat	Kings County Hospital, Brooklyn, N.Y.
Douglas Holmes Barns	Mary Imogene Bassett Hospital, Cooperstown, N.Y.
Richard Percival Bigelow	Strong Memorial Hospital, Rochester, N.Y.
Sumner Theodore Bohee	Cincinnati General Hospital, Cincinnati, Ohio
Harold Thomas Brew, Jr.	Presbyterian Hospital, New York, N.Y.
John Robert Buchanan	New York Hospital, New York, N.Y.
Harry Edwin Cassel	City of Detroit Receiving Hospital, Detroit, Mich.
Marion Nielsen Chall	Lenox Hill Hospital, New York, N.Y.
Hillary Anthony Chollet	Bellevue Hospital, New York, N.Y.
Theodore Avery Collier	Mary Fletcher Hospital, Burlington, Vt.
Richard Warwick Dame	Louisville General Hospital, Louisville, Ky.
Harry Warren Daniell	Mary Fletcher Hospital, Burlington, Vt.
George Dermksian	St. Luke's Hospital, New York, N.Y.
Louis Joseph Dougherty, Jr.	Syracuse Medical Center, Syracuse, N.Y.
Thomas Allen Edwards	University of Oregon Hospitals, Portland, Ore.
David Eisenberg	Strong Memorial Hospital, Rochester, N.Y.
Henry Ralph Erle	New York Hospital, New York, N.Y.
Seneca Lawrence Erman	New York Hospital, New York, N.Y.
Harrison Hatheway Farley	University of Chicago Clinics, Chicago, Ill.
James Charles Ford	Veterans Administration Hospital, Los Angeles, Calif.
Claude Ellis Forkner, Jr.	Bellevue Hospital, New York, N.Y.
Walter Lewis Freedman	Beth Israel Hospital, New York, N.Y.
Richard Theron Furr	Grady Memorial Hospital, Atlanta, Ga.
Eugene David Furth	New York Hospital, New York, N.Y.
William Henry Gordon	Lenox Hill Hospital, New York, N.Y.
William Charles Herbert Grimm, Jr.	University of Minnesota Hospitals, Minneapolis, Minn.
Myron Roberts Grover, Jr.	University of Oregon Hospitals, Portland, Ore.
John Fowler Gustafson	St. Luke's Hospital, New York, N.Y.
James Charles Hart	Veterans Administration Hospital, Los Angeles, Calif.
John Kenneth Herd	Strong Memorial Hospital, Rochester, N.Y.
Alfred Turnbull Holt	George F. Geisinger Memorial Hospital, Danville, Pa.
Richard James Homrighausen	San Francisco Hospital, San Francisco, Calif.
Kenneth Andrew Hubel	Syracuse Medical Center, Syracuse, N.Y.
Edwin Max Jacobs	Bellevue Hospital, New York, N.Y.
David Morrison Johnson, Jr.	San Francisco Hospital, San Francisco, Calif.

Norman Wolf Keller	Bellevue Hospital, New York, N.Y.
Melvin James King	Rhode Island Hospital, Providence, R.I.
John Joseph Knightly	Jefferson Medical College Hospital, Philadelphia, Pa.
Herbert Andre Kroeze, Jr.	Veterans Administration Hospital, Long Beach, Calif.
Richard Kindell Lansche	Barnes Hospital, St. Louis, Mo.
David Hillis Law, IV	New York Hospital, New York, N.Y.
Bruce Carl Levy	Grasslands Hospital, Valhalla, N.Y.
Donald Irvan Matern	University Hospitals, Cleveland, Ohio
Andrew James McElhinney, Jr.	St. Vincent's Hospital, New York, N.Y.
Cornelius Irving Meeker	Mary Fletcher Hospital, Burlington, Vt.
Charles Donald Meier	University of California Hospital, San Francisco, Calif.
Thomas Harry Meikle, Jr.	Jefferson Medical College Hospital, Philadelphia, Pa.
Edward Stephen Mongan	University Hospitals, Cleveland, Ohio
William Edward Morse	Jewish Hospital, Brooklyn, N.Y.
James Wilson Mosley	New York Hospital, New York, N.Y.
Philip Robert Nast	Bryn Mawr Hospital, Bryn Mawr, Pa.
Nicholas Macy Nelson	Bellevue Hospital, New York, N.Y.
Graham Dougald Newton	George Washington University Hospital, Washington, D.C.
Robert Augustine Newton	Peter Bent Brigham Hospital, Boston, Mass.
Paul Fordham Nugent, Jr.	Syracuse Medical Center, Syracuse, N.Y.
Alan Stimson Paterson	Salt Lake County General Hospital, Salt Lake City, Utah
Robert Chester Patten	Jackson Memorial Hospital, Miami, Fla.
Ann Sullivan Peterson	Bellevue Hospital, New York, N.Y.
John Emerick Peterson	Bellevue Hospital, New York, N.Y.
George Flory Pritchard	George F. Geisinger Memorial Hospital, Danville, Pa.
Robert Dean Quinn	Army (Letterman), San Francisco, Calif.
Philip Sloan Robbins	St. Vincent's Hospital, New York, N.Y.
John Frank Rose, Jr.	New York Hospital, New York, N.Y.
Michael Sander Rost	Meadowbrook Hospital, Hempstead, N.Y.
Robert Chase Runyon	Bellevue Hospital, New York, N.Y.
Saul Leonard Sanders	Grace-New Haven Community Hospital, New Haven, Conn.
Paul Sherlock	Bellevue Hospital, New York, N.Y.
Robert Ellis Shope	Grace-New Haven Community Hospital, New Haven, Conn.
Robert Perry Singer	Rochester General Hospital, Rochester, N.Y.
John Richard Slattery	St. Vincent's Hospital, New York, N.Y.
Thornton Maxwell Stearns	Bellevue Hospital, New York, N.Y.
Natalie Alice Strahan	Jackson Memorial Hospital, Miami, Florida
Corbet Harold Turner	Duke Hospital, Durham, N.C.
William Adam Vincent	Strong Memorial Hospital, Rochester, N.Y.
Warren Whaley Warbasse	Lenox Hill Hospital, New York, N.Y.
James Carl Warenski	St. Luke's Hospital, New York, N.Y.
Ralph Chester Williams, Jr.	Massachusetts General Hospital, Boston, Mass.

Register of Students, 1954-55

FOURTH YEAR

- John Vincent Abbott, Jr., A.B. 1950, University of Iowa
 Ronald Alfred Arky, A.B. 1951, Cornell University
 Thane Asch, B.S. 1951, Columbia University
 Robert Coleman Atkins, A.B. 1951, University of Michigan
 William Sinclair Augerson, A.B. 1949, Bowdoin College
 Stephen McClintock Ayres, A.B. 1951, Gettysburg College
 David Baum, A.B. 1951, Dartmouth College
 Robert Leonard Beals, A.B. 1950, University of Maine
 Edwin Lawrence Bierman, A.B. 1951, Brooklyn College
 Robert Sunderlin Brittain, A.B. 1951, Colgate University
 John Lyman Brown, Jr., A.B. 1952, Cornell University
 Joseph Anthony Buda, A.B. 1951, Columbia University
 Donald John Cameron, A.B. 1951, Amherst College
 John Paul Clayton, A.B. 1951, Middlebury College
 Joseph Patrick Dineen, B.S. 1950, Fordham University
 Kemp Berner Doersch, A.B. 1951, Stanford University
 Richard Irwin Dudley, A.B. 1950, Cornell University;
 M.A. 1951, Emory University
 Maurice Everette Dyer, A.B. 1951, Columbia University
 Chester Monroe Edelmann, Jr., A.B. 1951, Columbia University
 Robert Richard Engisch, B.S. 1951, Union College
 Howard Marvin Feinstein, A.B. 1951, Cornell University
 Terence Patrick Fogarty, A.B. 1951, Dartmouth College
 Charles Frederick Frey, A.B. 1951, Amherst College
 Sorrell Newton Glover, A.B. 1952, Cornell University
 Stanley Martin Hanfling, A.B., 1951, Columbia University
 Paul Allen Hansch, A.B. 1948, Pomona College
 Maury Lloyd Hanson, A.B. 1951, Oberlin College
 William Hillis, A.B. 1951, Wesleyan University
 Charles Hoffman, Jr., A.B. 1951, Yale University
 Milton Hollenberg, A.B. 1951, Brooklyn College
 Charles Edward Hollerman, B.S. 1951, Allegheny College
 William Donald Horrigan, A.B. 1952, Dartmouth College
 Gilbert Dolan Huebner, A.B. 1951, Harvard University
 Reginald Harned Isele, A.B. 1951, Princeton University
 Martin George Jacobs, B.S. 1951, Franklin and Marshall College
 Kenneth Myron Jensen, A.B. 1951, Cornell University
 Joseph Eugene Johnston, A.B. 1950, M.S. 1951, B.S. 1952,
 University of Mississippi
 Hiram Kendall, Jr., A.B. 1951, Harvard University
 Kent Gordon Kimball, A.B. 1951, Yale University
 Peter Tamas Knoepfler, B.S. 1950, California Institute of
 Technology; M.A. 1951, Columbia University
 Joseph White Landau, A.B. 1951, Cornell University
 John Beucler Lange, B.S. 1951, Franklin and Marshall College
 Glen Rock, N.J.
 New Brunswick, N.J.
 New York, N.Y.
 Dayton, Ohio
 Ellenville, N.Y.
 Westfield, N.J.
 Saratoga Springs, N.Y.
 Skowhegan, Maine
 New York, N.Y.
 Spencerport, N.Y.
 Palisade, N.J.
 Fort Lee, N.J.
 Scarsdale, N.Y.
 Mineola, N.Y.
 New York, N.Y.
 Carmichael, Calif.
 New York, N.Y.
 Weston, Mo.
 New York, N.Y.
 Elizabeth, N.J.
 New York, N.Y.
 Brooklyn, N.Y.
 Scarsdale, N.Y.
 Los Angeles, Calif.
 Jamaica, N.Y.
 New York, N.Y.
 Alexandria, Va.
 Greenwich, Conn.
 Poughkeepsie, N.Y.
 Brooklyn, N.Y.
 Turtle Creek, Pa.
 Waterbury, Conn.
 South Orange, N.J.
 Perth Amboy, N.J.
 Orange, N.J.
 Ithaca, N.Y.
 Oxford, Miss.
 Westerly, R.I.
 Greenwich, Conn.
 Rio de Janeiro, Brazil
 Buffalo, N.Y.
 Teaneck, N.J.

Richard Charles Lippincott, A.B. 1951, Williams College	Guilford, Conn.
Richard Rowland Lower, A.B. 1951, Amherst College	Detroit, Mich.
Lester Andrus Ludlow, A.B. 1951, Brigham Young University	Spanish Fork, Utah
Robert Burnett McGandy, A.B. 1951, Harvard University	Minneapolis, Minn.
Lowell Gilmore McLellan, B.S. 1951, Rutgers University	Woodbridge, N.J.
Herman Richard Matern, A.B. 1949, Concordia Seminary	Worcester, Mass.
Gunter Richard Meng, B.S. 1951, Cornell University	Ithaca, N.Y.
Walter Alexander Murray, Jr., A.B. 1952, Columbia University	Knoxville, Tenn.
William Alexander Neill, A.B. 1951, Amherst College	Scarsdale, N.Y.
James Franklin Oates, III, A.B. 1951, Princeton University	Lake Forest, Ill.
Artemis George Pazianos, A.B. 1951, Wellesley College	Manchester, Conn.
John Henry Per-Lee, A.B. 1951, Dartmouth College	Larchmont, N.Y.
Franklin Hewitt Pfeifferberger, A.B. 1951, Yale University	Alton, Ill.
John Greenwood Pierik, A.B. 1951, Cornell University	Providence, R.I.
Guy Downs Plunkett, B.S. 1951, Rutgers University	Bound Brook, N.J.
James William Preuss, A.B. 1951, Cornell University	Binghamton, N.Y.
John Vincent Price, B.S. 1951, St. John's College	Belle Harbor, N.Y.
Cedric Joseph Priebe, Jr., 1951, Fordham University	Jackson Heights, N.Y.
Brian O'Malley Quinn, B.S. 1951, College of the Holy Cross	Rochester, N.Y.
Robert Edward Rentz, B.S. 1951, Trinity College	West Hartford, Conn.
Donald Paul Regula, A.B. 1951, Cornell University	Westwood, N.J.
Roland Whan Richmond, A.B. 1951, Bethany College	Nutley, N.J.
Ronald Stanley Romig, B.S. 1951, Albright College	Reading, Pa.
John Ross, Jr., A.B. 1951, Dartmouth College	Bronxville, N.Y.
Leslie Eugene Rudolf, Jr., B.S. 1951, Union College	Pelham, N.Y.
Steven Schenker, A.B. 1951, Cornell University	New York, N.Y.
Miles Harold Sigler, A.B. 1951, University of Rochester	Buffalo, N.Y.
John Harrison Sipple, Jr., A.B. 1952, Cornell University	Lakewood, Ohio
Herbert Jarvis Sorensen, A.B. 1951, Dartmouth College	Summit, N.J.
Frank George Standaert, A.B. 1951, Harvard University	Paterson, N.J.
Paul Stucki, Jr., A.B. 1951, Hamilton College	West New York, N.J.
John Bernard Sullivan, B.S. 1951, Manhattan College	Long Island City, N.Y.
Frederick Gregg Thompson, III, A.B. 1951, Yale University	St. Joseph, Mo.
William Richard Thompson, A.B. 1951, University of Maine	Livermore Falls, Me.
Forrest Travis Tutor, B.S. 1953, University of Mississippi	Randolph, Miss.
William Webb Van Stone, A.B. 1951, Swarthmore College	Denver, Colo.
Herbert Getty Vaughan, Jr., B.S. 1951, McGill University	Pelham, N.Y.
Frank James Veith, A.B. 1952, Cornell University	Scarsdale, N.Y.
Jane Harrison Walker, A.B. 1951, Byrn Mawr College	New York, N.Y.
Willard Travell Weeks, A.B. 1951, Amherst College	Brooklyn, N.Y.
Morton Raymond Weinstein, A.B. 1951, Cornell University	Brooklyn N.Y.
David Sanborn Wilcox, A.B. 1951, Williams College	Hartford, Conn.
Edward Percy Williams, A.B. 1951, Bowdoin College	Linneus, Maine

THIRD YEAR

Robert Richard Abel, A.B. 1952, Princeton University	Elizabeth, N.J.
Donald Elliott Allen, B.S. 1952, Ohio State University	Columbus, Ohio
Richard Allen Antell, A.B. 1952, Cornell University	New York, N.Y.
William Henry Austin, A.B. 1952, Bowdoin College	Cape Elizabeth, Maine
Archibald Hildreth Beard, Jr., A.B. 1952, Williams College	Wayzata, Minn.
Charles Henry Beckmann, B.S. 1952, Massachusetts Institute of Technology	St. Albans, N.Y.
Elliott Elias Blinderman, B.S. 1952, College of the City of New York	Brooklyn, N.Y.

- Dana Charles Brooks, B.E.E. 1949, Cornell University
 Bertram S. Brown, B.S. 1952, Brooklyn College
 Harry Gray Browne, A.B. 1951, Yale University
 Harry Martin Butler, Jr. A.B. 1952, Denison University
 Clarence Elton Cahow, Jr., B.S. 1952, Davidson College
 Paul Daniel Carter, B.S. 1952, Wheaton College
 Philip Kenneth Carter, Jr., A.B. 1952, Wheaton College
 Jay Norman Cohn, B.S. 1952, Union College
 Thomas William Cook, A.B. 1952, Princeton University
 William Charles Cooper, B.S. 1953, Franklin & Marshall College
 Charles Eugene Davis, B.S. 1952, Arizona State College
 Lee Washington Davis, A.B. 1952, Amherst College
 John Whitlow Delano, B.S. 1952, Rutgers University
 H. Bruce Denson, A.B. 1953, Cornell University
 Herbert Alban Dietzel, A.B. 1952, Colgate University
 Ronald Joseph Dorris, A.B. 1952, Harvard University
 John Wilson Espy, B.S. 1953, Franklin & Marshall College
 Robert Slora Fackler, A.B. 1952, University of Rochester
 William Rush Fackler, A.B. 1952, University of Rochester
 Donald Peter Feeney, B.S. 1952, College of the Holy Cross
 Frank Bartley Flood, B.S. 1952, Manhattan College
 Rulon Newell Ford, B.S. 1952, University of Utah
 John Christian Frank, B.S. 1952, University of Arizona
 Ivan B. Gendzel, A.B. 1952, Cornell University
 Phillip George, A.B. 1953, University of Mississippi
 Sidney Goldstein, A.B. 1952, Cornell University
 Jack Goodman, A.B. 1952, American International College
 Joseph Grayzel, A.B. 1952, Cornell University
 David Bruce Hayt, A.B. 1952, Cornell University
 Warren Herbert Higgins, Jr., A.B. 1952, Yale University
 Robert James Hubsmith, A.B. 1952, Cornell University
 David McClure Iszard, A.B. 1952, Bowdoin College
 Jerome Lee Jacobs, B.S. 1952, Queens College
 Ramon Rafael Joseph, B.S. 1952, Manhattan College
 Albert Zaven Kapikian, B.S. 1952, Queens College
 James Sanford Ketchum, A.B. 1952, Columbia University
 Donaldson Wright Kingsley, Jr., A.B. 1952, Cornell University
 Stanley Joshua Landau, A.B. 1953, Cornell University
 Arthur Maurice Levy, A.B. 1952, Harvard University
 William G. Loomis, A.B. 1953, Dartmouth College
 David Beekley Lyon, A.B. 1952, University of Mississippi
 Sherburne Merrill Macfarlan, A.B. 1952, Lafayette College
 Donald Fred Mahnke, B.S. 1952, University of Wyoming
 Edward Joseph Margulies, B.S. 1952, Massachusetts Institute
 of Technology
 James Hamilton Mason, A.B. 1952, DePauw University
 Richard Key Mead, A.B. 1952, Haverford College
 Mitchell Mills, A.B. 1952, Princeton University
 Frank G. Moody, A.B. 1953, Dartmouth College
 Mildred Downs Moore, A.B. 1950, Barnard College; M.A. 1952,
 Mount Holyoke College
 Robert Roland Morgan, B.S. 1952, St. John's College
 William Alfred Morgan, Jr., A.B. 1952, Cornell University
 Burton Albert Nault, A.B. 1952, Bowdoin College
 Mary Alice Newhall, A.B. 1952, Cornell University
 Orlando, Florida
 Brooklyn, N.Y.
 Los Angeles, Calif.
 Newark, Ohio
 Fort Pierce, Florida
 Plainfield, N.J.
 Plainfield, N.J.
 New York, N.Y.
 Westfield, N.J.
 Erie, Pa.
 Miami, Arizona
 Summit, N.J.
 Mountinside, N.J.
 Hackensack, N.J.
 Lakewood, N.J.
 New York, N.Y.
 Brookville, Pa.
 Oak Park, Ill.
 Oak Park, Ill.
 Brooklyn, N.Y.
 Forest Hills, N.Y.
 Farmington, Utah
 Phoenix, Ariz.
 New York, N.Y.
 Vicksburg, Miss.
 Utica, N.Y.
 Springfield, Mass.
 Brooklyn, N.Y.
 Great Neck, N.Y.
 Honolulu, T.H.
 Passaic, N.J.
 Elmira, N.Y.
 New York, N.Y.
 San Juan, P.R.
 Flushing, N.Y.
 New York, N.Y.
 Hastings, Nebr.
 Cedarhurst, N.Y.
 Saranac Lake, N.Y.
 Bennington, Vt.
 University, Miss.
 Hawthorne, N.J.
 Keeline, Wyoming
 Brooklyn, N.Y.
 Evanston, Ill.
 Scarsdale, N.Y.
 Washington, D.C.
 Franklin, N.H.
 Chatham, N.J.
 Flushing, N.Y.
 Claymont, Dela.
 Exeter, N.H.
 Ithaca, N.Y.

- | | |
|--|-------------------------|
| Joseph Oren, A.B. 1953, Cornell University | Kew Gardens Hills, N.Y. |
| George E. Owen, A.B. 1953, University of Missouri | Columbia, Mo. |
| Carl Black Pollock, Jr., A.B. 1952, Cornell University | Tarentum, Pa. |
| John Henry Prunier, A.B. 1952, Colgate University | Elmira, N.Y. |
| William Mitchell Reid, Jr., A.B. 1952, New York University | Waterbury, Conn. |
| Donald Jeffrey Reis, A.B. 1953, Cornell University | New York, N.Y. |
| Nancy Bernadine Ripley, A.B. 1951, Cornell University | Staten Island, N.Y. |
| Abdolhossein Ebtehaj Samiy, B.A. 1950, Stanford University | Rasht, Iran |
| Stuart Norman Scherr, A.B. 1952, Oberlin College | New Rochelle, N.Y. |
| Paul Schlein, A.B. 1952, Cornell University | Forest Hills, N.Y. |
| David Schottenfeld, A.B. 1952, Hamilton College | Ridgewood, N.Y. |
| George Charles Schussler, B.S. 1952, City College of New York | New York, N.Y. |
| Eugene Joseph Segre, A.B. 1953, Cornell University | Forest Hills, N.Y. |
| Anne Margaret Shuttleworth, A.B. 1953, Cornell University | Detroit, Mich. |
| John Edward Sinning, Jr., A.B. 1952, Cornell University | Marshalltown, Iowa |
| Frederic Warren Smith, B.S. 1947, Kansas State College | DeLand, Florida |
| Robert Hayes Stackpole, A.B. 1952, Amherst College | Montclair, N.J. |
| Joan Nesmith Tillotson, A.B. 1952, Cornell University | Colusa, Calif. |
| Peter Maxwell Tillotson, B.S. 1952, University of Utah | Colusa, Calif. |
| Wolodymyr Tyschenko, B.S. 1952, Columbia University | New York, N.Y. |
| Richard David Wagoner, A.B. 1952, Carleton College | Rochester, Minn. |
| Abraham Francis Ward, B.S. 1952, Manhattan College | Brooklyn, N.Y. |
| Richard Walter Weiskopf, A.B. 1952, Harvard University | New Rochelle, N.Y. |
| Robert Emmet Whalen, A.B. 1952, College of the Holy Cross | White Plains, N.Y. |
| Donald Richter Wieche, A.B. 1953, Miami University | Hamilton, Ohio |
| John Wynia Winkert, B.S. 1951, Polytechnic Institute of Brooklyn | Brooklyn, N.Y. |
| John Phillips Young, A.B. 1953, Cornell University | Rockville Centre, N.Y. |

SECOND YEAR

- | | |
|---|----------------------------|
| Robert Francis Barreras, A.B. 1953, Columbia University | Forest Hills, N.Y. |
| Patrick Joseph Barry, A.B. 1950, Columbia University | Jackson Heights, N.Y. |
| James William Beattie, A.B. 1953, Bowdoin College | Belmont, Mass. |
| Robert Howard Bierman, A.B. 1953, Amherst College | Summit, N.J. |
| Raymond McKendree Biggs, A.B. 1953, Bowdoin College | South Pomfret, Vt. |
| William Chester Black, A.B. 1953, Brown University | Rutherford, N.J. |
| Bruce David Boselli, A.B. 1954, Cornell University | Fanwood, N.J. |
| Volker Brandt, A.B. 1953, Upsala College | New York, N.Y. |
| Roger Charles Breslau, A.B. 1953, Columbia University | New York, N.Y. |
| Hubert Sutton Bush, Jr., A.B. 1953, Dartmouth College | Kew Gardens, N.Y. |
| Blake Cady, A.B. 1953, Amherst College | Providence, R.I. |
| Wallace Gibson Campbell, Jr., A.B. 1953, Harvard University | Savannah, Ga. |
| Helen Elizabeth Carter, A.B. 1953, Wellesley College | Scarsdale, N.Y. |
| John Wallace Casper, A.B. 1950, Brigham Young University | Rigby, Idaho |
| Ronald August Chez, A.B. 1953, Johns Hopkins | Beverly Hills, Calif. |
| Rosalie Mary Corigliano, B.S. 1953, Queens College | St. Albans, N.Y. |
| William Joseph Costello, A.B. 1953, Holy Cross College | Bronxville, N.Y. |
| Carlton Miles Dean, Jr., A.B. 1953, Washington University | Clayton, Mo. |
| Gaspar Garcia de Paredes, Jr., A.B. 1953, DePauw University | Panama, Republic of Panama |
| Peter Ellsworth Downs, A.B. 1953, Syracuse University | Southampton, N.Y. |
| Donald Lucien Duperret, B.S. 1950, Holy Cross College | West Englewood, N.J. |
| Alan Basil Echikson, A.B. 1953, Dartmouth College | South Orange, N.J. |
| Roger Raymond Ecker, A.B. 1953, University of Arizona | Coolidge, Ariz. |

- Kathryn Hawes Ehlers, A.B. 1953, Bryn Mawr College
 Mervyn Leon Elgart, B.S. 1953, Brooklyn College
 Daniel Fishkoff, A.B. 1953, Cornell University
 John Andrew Gerda, A.B. 1949, Gordon College; M.A. 1951,
 Boston University
 Abdollah Solat Ghashghai, Stanford University
 David Gluck, A.B. 1953, Cornell University
 Donald Peter Goldstein, A.B. 1953, Williams College
 William Howard Graff, A.B. 1953, Bowdoin College
 John Parker Hanson, A.B. 1953, Wheaton College
 Robert Edmund Hardy, B.S. 1953, State College of Washington
 Edward Scott Hartmann, A.B. 1953, Columbia College
 Emery Sylvester Hetrick, Jr., A.B. 1953, Ohio State University
 Donald William Hoskins, B.S. 1953, Queens College
 Harriet Anne Hughes, A.B. 1953, Cornell University
 Richard Estabrook Hunt, B.S. 1953, Trinity College
 Max James Kartchner, B.S. 1953, University of Arizona
 William Andrew Kemick, A.B. 1953, Rutgers University
 Marshall Glenn Koenig, A.B. 1953, Oberlin College
 Costas Theodore Lambrew, A.B. 1953, Wesleyan University
 Donald Branum Lathrop, A.B. 1953, Cornell University
 Samuel Drake Licklider, A.B. 1953, Cornell University
 Fred Yale Lobovsky, A.B. 1953, Cornell University
 William Thomas London, A.B. 1953, Oberlin College
 John Stephen Madaras, A.B. 1953, Holy Cross College
 Fred William Martens, Jr., M.E. 1949, Stevens Institute
 of Technology
 Richard Wilson Martin, A.B. 1953, College of Wooster
 David Michael McGoldrick, A.B. 1953, Bowdoin College
 Charles Kenneth McSherry, B.S. 1953, Fordham University
 William Walter Menninger, A.B. 1953, Stanford University
 Robert Anthony Michalski, A.B. 1953, Cornell University
 Irvin Donald Milowe, A.B. 1953, Columbia University
 Aubrey Stinson Miree, III, B.S. 1952, Davidson College
 Alfred Powell Morgan, Jr., B.E.E. 1953, Cornell University
 Edward Carl Muecke, A.B. 1953, Reed College
 Herbert Morton Oestreich, B.S. 1953, Massachusetts
 Institute of Technology
 David Anderson Ogden, A.B. 1953, Cornell University
 William Henry Plauth, Jr., A.B. 1953, Princeton University
 George Stewart Ray, B.S. 1950, Rutgers University
 Eugene Michael Renzi, A.B. 1953, Cornell University
 Alan Burton Retik, A.B. 1953, Cornell University
 Peter-Cyrus Rizzo, III, B.S. 1953, Georgetown University
 Waid Rogers, A.B. 1950, Yale University
 Edmund Otto Rothschild, A.B. 1953, New York University
 Kenneth John Sainsbury, A.B. 1953, Cornell University
 Charles Augusto Santos Buch, A.B. 1953, Harvard University
 Norman Edward Schaefer, A.B. 1949, Wagner College;
 M.A. 1952, Columbia University
 Lawrence Scherr, A.B. 1950, Cornell University
 Anne Lardner Shannon, A.B. 1950, Goucher College
 Theodore Shapiro, A.B. 1953, Wesleyan University
 Joyce Carolyn Shaver, A.B. 1953, Cornell University
 Jamaica, N.Y.
 Brooklyn, N.Y.
 Perth Amboy, N.J.
 Trumbull, Conn.
 Ghashghai, Iran
 Far Rockaway, N.Y.
 Troy, N.Y.
 Hawthorne, N.Y.
 Ramsey, N.J.
 Seattle, Wash.
 Hempstead, N.Y.
 Worthington, Ohio
 Emerson, N.J.
 New York, N.Y.
 Babylon, N.Y.
 St. David, Ariz.
 Irvington, N.J.
 New York, N.Y.
 West Orange, N.J.
 Plainfield, N.J.
 Columbus, Ohio
 New York, N.Y.
 Perth Amboy, N.J.
 Bayonne, N.J.
 New York, N.Y.
 Monroe, Conn.
 Westwood, Mass.
 New York, N.Y.
 Topeka, Kans.
 New Britain, Conn.
 Brooklyn, N.Y.
 Birmingham, Ala.
 Short Hills, N.J.
 Portland, Ore.
 Brooklyn, N.Y.
 Summit, N.J.
 Amityville, N.Y.
 Port Washington, N.Y.
 Watertown, N.Y.
 Brooklyn, N.Y.
 New Rochelle, N.Y.
 New York, N.Y.
 New York, N.Y.
 Port Washington, N.Y.
 Santiago-de-Cuba, Cuba
 Staten Island, N.Y.
 New York, N.Y.
 Montclair, N.J.
 New York, N.Y.
 Corning, N.Y.

Bernard Shepard Siegel, A.B. 1953, Colgate University	Tuckahoe, N.Y.
John Appling Sours, A.B. 1953, Yale University	East Orange, N.J.
Robert Malcolm Stafford, A.B. 1953, Cornell University	Urbana, Ill.
Stewart Stringfellow, B.S. 1947, Princeton	Hopedale, Mass.
Horace Reginald Taitt, New York University	Brooklyn, N.Y.
Harold Raymond Tatar, A.B. 1953, Cornell University	Gloversville, N.Y.
Donald Arthur Taylor, A.B. 1953, Columbia College	New York, N.Y.
Zygmunt Michael Tomkiewicz, A.B. 1953, Cornell University	Ithaca, N.Y.
Lawrence Joseph Werner, B.S. 1953, St. John's College	Woodhaven, N.Y.

FIRST YEAR

Albert Aslan Attia, Cornell University	Cristobal, Panama
Stanton Hugh Avitabile, B.S. 1954, Trinity College	Brooklyn, N.Y.
William Thomas Beaver, A.B. 1954, Princeton University	Albany, N.Y.
John Joseph Beirne, B.S. 1954, Holy Cross College	Montclair, N.J.
Robert Noel Benneyan, A.B. 1954, Amherst College	White Plains, N.Y.
Frederick D'Oench Bergen, A.B. 1954, Williams College	Locust Valley, N.Y.
Richard Monroe Bergland, B.S. 1954, Wheaton College	Great Falls, Montana
David Berler, Cornell University	New York, N.Y.
Beverly Anne Billinger, A.B. 1954, Cornell University	Norwalk, Conn.
Whitworth Fontaine Bird, Jr., A.B. 1954, Wesleyan University	Riverside, Conn.
Joseph Michael Bordiuk, A.B. 1954, Colgate University	Nutley, N.J.
Robert Gifford Brayton, A.B. 1954, Williams College	Fall River, Mass.
Albert Robert Burchell, A.B. 1954, Fordham College	Jackson Heights, N.Y.
Edward James Carey, Jr., A.B. 1954, Harvard College	Flushing, N.Y.
Roland David Carlson, A.B. 1954, Cornell University	Shaker Heights, Ohio
John Turner Chard, B.S.E. 1954, Princeton University	Roselle, N.J.
George Buchanan Coale, Jr., B.A. 1951, Williams College;	
B.S. 1951, Massachusetts Institute of Technology	Houston, Texas
John Frederic Collier, A.B. 1954, Wesleyan University	New Canaan, Conn.
Armand Cortese, A.B. 1954, Columbia University	Corona, N.Y.
Frederic Gilbert Dalldorf, A.B. 1954, Bowdoin College	Voorheesville, N.Y.
Robert Earle Davis, A.B. 1954, Colgate University	Watervliet, N.Y.
Arnold Gillespie Diethelm, A.B. 1953, State College of Washington	Bronxville, N.Y.
John Patrick Donohue, A.B. 1954, Holy Cross College	Pelham, N.Y.
Walter Clarence Dueger, Jr., A.B. 1954, Wesleyan University	Niagara Falls, N.Y.
Richard Charles Evans, A.B. 1954, Columbia College	Brooklyn, N.Y.
Robert Andrew Fischer, A.B. 1954, Columbia University	Jackson Heights, N.Y.
Howard R. Francis, A.B. 1954, Brigham Young University	Spanish Fork, Utah
Gerald Glick, Cornell University	Brooklyn, N.Y.
Morris Ben Glover, A.B. 1954, University of Utah	Brigham City, Utah
Lawrence Ely Grolnick, A.B. 1954, Cornell University	Brooklyn, N.Y.
James Malcolm Hollister, A.B. 1954, Oberlin College	Valley Stream, N.Y.
Ann Huston, B.S. 1954, Allegheny College	Cleveland, Ohio
Alfred Wayne Jackson, Jr., A.B. 1954, Williams College	Hartsville, Ohio
Ari Kiev, A.B. 1954, Harvard University	New York, N.Y.
Chase Patterson Kimball, A.B. 1954, Brown University	Brooklyn, N.Y.
Thomas Quin Kong, A.B. 1954, Dartmouth College	Santa Barbara, Calif.
Martin William Korn, Cornell University	Lynbrook, N.Y.
Martin Ross Krigman, A.B. 1954, Columbia College	Brooklyn, N.Y.
Eugene Mitchell Lance, A.B. 1954, Cornell University	Forest Hills, N.Y.
Richard Henry Lane, B.S. 1954, Massachusetts Institute of Technology	Chevy Chase, Md.

Nicholas Blair Le Roy, A.B. 1954, Yale University	Franklin, Ohio
Simmons Lessell, A.B. 1954, Amherst College	Forest Hills, N.Y.
Robert Alan Levine, A.B. 1954, Cornell University	New York, N.Y.
Ralph Joseph Lewis, B.S. 1954, Manhattan College	Perth Amboy, N.J.
John Norman Loomis, A.B. 1954, Rice Institute	McAllen, Texas
David Maurice Lowell, A.B. 1954, Harvard College	Onset, Mass.
Ronald Grant Lucas, B.S. 1954, Manhattan College	Flushing, N.Y.
Kathryn Louise March, A.B. 1951, University of Kansas City	New York, N.Y.
Sumner Marshall, A.B. 1954, Harvard College	Gloucester, Mass.
John Anthony Mazzarella, B. S. 1954, Trinity College	Astoria, N.Y.
Raymond Michael McCaffrey, B.S. 1954, Fordham University	Forest Hills, N.Y.
Regina Clair McCormack, A.B. 1949, College of New Rochelle; B.S. 1952, Cornell University	Bayonne, N.J.
Robert Laurence McKee, A.B. 1954, Drew University	Basking Ridge, N.J.
John Thomas McKnight, B.S. 1954, St. Peter's College	Ridgefield Park, N.J.
George Holliday McLeod, A.B. 1954, University of North Carolina	Florence, S.C.
James Carlisle McLeod, Jr., A.B. 1953, University of North Carolina	Florence, S.C.
Robert Gillespie Merin, A.B. 1954, Swarthmore College	New York, N.Y.
Irwin Richard Merkat, Cornell University	Forest Hills, N.Y.
Richard George Middleton, University of Utah	Salt Lake City, Utah
Arnold Simon Monto, A.B. 1954, Cornell University	Brooklyn, N.Y.
Robert Leo Ney, A.B. 1954, Harvard College	New York, N.Y.
Thomas John O'Grady, A.B. 1954, Columbia College	Jersey City, N.J.
Ronald Neil Ollstein, Cornell University	Brooklyn, N.Y.
Louis Quain Pugsley, A.B. 1954, Hamilton College	Brewster, N.Y.
John Thomas Queenan, B.S. 1954, Notre Dame University	Greenwich, Conn.
Richard William Roberts, A.B. 1954, Johns Hopkins University	Manhasset, N.Y.
Robert Michael Ryan, B.S. 1954, Holy Cross College	Queens Village, N.Y.
Jules Reuben Schwaber, A.B. 1954, Wesleyan University	Westport, Conn.
George Elmer Shambaugh, III, A.B. 1954, Oberlin College	Chicago, Illinois
Stuart Frederick Slafsky, A.B. 1954, Cornell University	Gloucester, Mass.
Donald Byron Stark, B.S. 1953, University of Washington	Portland, Oregon
Edward August Stasio, B.S. 1954, City College of New York	Brooklyn, N.Y.
Joanna Sophia Stein, A.B. 1954, Cornell University	New York, N.Y.
Kurt Hodgson Stenzel, A.B. 1954, New York University	New York, N.Y.
Michael Howard Stone, A.B. 1954, Cornell University	Syracuse, N.Y.
Francis Finn Tarsney, A.B. 1954, Fordham University	Forest Hills, N.Y.
Perry Tirschwell, A.B. 1954, Brooklyn College	Brooklyn, N.Y.
David Gleason Underwood, A.B. 1954, Amherst College	Holden, Mass.
Frederick William Van Dwyne, III, A.B. 1954, Cornell University	Riverside, Conn.
Henry John Van Dyk, A.B. 1954, Calvin College	Alameda, Calif.
Edward Eliot Wallach, A.B. 1954, Swarthmore College	Brooklyn, N.Y.
Hibbard Earl Williams, A.B. 1954, Cornell University	Utica, N.Y.
Robert Erwin Zickel, A.B. 1952, Cornell University	Montclair, N.J.

SUMMARY

Fourth year	85
Third year	87
Second year	82
First year	83
Total	337

Register of the Medical College and Sloan-Kettering Staffs

Abrahams, Irving	Microbiology & Immunology	63
Adair, Frank E.	Surgery	84
Adams, Harold B.	Pediatrics	70
Advocate, Seymour	Medicine	55
Akelaitis, Andrew J.	Medicine (Neurology)	54
Allen, Arthur C.	Sloan-Kettering (Pathology)	102
Almy, Thomas P.	Medicine	54
Alpert, Harry	Psychiatry	76
Anderson, Arthur F.	Pediatrics	70
Anderson, David	Anatomy	50
Antoville, Abraham A.	Medicine	55
Applebaum, Jacob	Surgery	85
Armstrong, William R.	Surgery	85
Arsenault, Armand	Surgery	85
Artusio, Joseph F., Jr.	Surgery (Obstetrics & Gynecology)	84, 64
Ashe, Barbara S.	Pediatrics	71
Atkinson, Sam C.	Medicine	55
Ayres, William H.	Surgery	85
Bader, Genevieve	Sloan-Kettering (Prev. Med.)	102
Baez, Silvio	Medicine	54
Bailey, Charles A.	Medicine	55
Baker, David H.	Radiology; Pediatrics	82, 70
Baldwin, Horace S.	Medicine	54
Balensweig, Howard	Surgery	85
Balensweig, Irvin	Surgery (Orthopedics)	84
Balis, Earl	Sloan-Kettering (Biochemistry)	100
Ball, Thomas L.	Obstetrics & Gynecology	64
Baras, Irving	Surgery	85
Barbu, Valer	Psychiatry	76
Barclay, Ralph K.	Sloan-Kettering (Biochemistry)	100
Barish, Julian I.	Psychiatry	76
Barnes, Lloyd T.	Medicine	56
Barnes, William A.	Surgery	84
Barnett, Henry L.	Pediatrics	70
Barondess, Jeremiah A.	Medicine	56
Barr, David	Surgery	87
Barr, David P.	Medicine	54
Bates, Barbara	Medicine	57
Baumgartner, Leona	Pub. Health & Prev. Med.; Pediatrics	79, 70
Beal, John M.	Surgery	84
Beals, Robert L.	Anatomy	50
Becker, David V.	Medicine	57
Beer, C. T.	Sloan-Kettering	100
Behrman, Stanley J.	Surgery	84
Belcher, Anne M.	Surgery	85

Bell, John A.	Medicine	57
Bellville, John W.	Surgery	87
Bendich, Aaron	Sloan-Kettering (Biochemistry)	100
Beneventi, Francis A.	Surgery	85
Benjamin, Bry	Medicine	57
Berenberg, Samuel R.	Pub. Health & Prev. Med.; Pediatrics	79, 70
Berkeley, Ruth P.	Medicine	56
Berle, Beatrice	Medicine; Pub. Health & Prev. Med.	55, 79
Berlin, Louis	Medicine	54
Berman, Mones	Sloan-Kettering	101
Berntsen, Carl A., Jr.	Medicine	56
Berry, Charles M.	Anatomy	50
Beyer, Harold	Sloan-Kettering (Biophysics)	101
Biesele, John J.	Sloan-Kettering (Biology)	100
Bilisoly, Frank N., III	Medicine	57
Billo, Otto E.	Pediatrics	70
Bippart, Charles H.	Obstetrics & Gynecology	65
Birnbaum, Stanley J.	Obstetrics & Gynecology	65
Bodansky, Oscar	Sloan-Kettering (Biochemistry)	99
Bogatko, Frances H.	Pub. Health & Prev. Med.	79
Bonnett, Sara A.	Psychiatry	76
Bonsnes, Roy W.	Biochemistry; Obs.-Gyn.	52, 64
Booher, Robert J.	Surgery	85
Bowden, Lemuel	Surgery	85
Boyan, Paul	Sloan-Kettering	103
Boynton, Perry S., Jr.	Obstetrics & Gynecology	64
Bradlow, H. Leon	Sloan-Kettering	100
Brasfield, Richard J.	Surgery	85
Braunstein, Paul W.	Surgery	87
Braveman, Warren S.	Medicine	56
Breed, Charles N., Jr.	Surgery	85
Breen, D. Stephen	Surgery	87
Brethwaite, Samuel H.	Medicine	56
Brewer, McHenry	Surgery	85
Brice, Mitchell	Surgery	86
Brodman, Keeve	Medicine	54
Bross, Irwin D. J.	Pub. Health & Prev. Med.	79
Brotherton, Robert J.	Biochemistry	52
Brown, George B.	Sloan-Kettering (Biochemistry)	99
Brown, Veronica C.	Medicine	56
Browne-Mayers, Albert N.	Psychiatry	76
Brunschwig, Alexander	Surgery	84
Brush, A. Louise	Psychiatry	76
Buchman, Myron I.	Obstetrics & Gynecology	64
Buckstein, Jacob	Medicine	54
Burchenal, Joseph H.	Sloan-Kettering (Medicine)	101
Bunn, William H., Jr.	Medicine	57
Burke, Grafton E.	Medicine	56
Burkhardt, Edward A.	Medicine	56
Burnett, Harry W.	Radiology	82
Butler, Katharine	Medicine	54
Buys, Norman S.	Surgery	87
Byers, Robert J.	Surgery	86
Cahan, William G.	Surgery	86
Callahan, Justin T.	Obstetrics & Gynecology	64
Cane, Carlos M.	Surgery	87

Carey, Thomas I.	Surgery	86
Carlen, Alexander	Psychiatry	76
Carlson, Arthur S.	Pathology	68
Carlson, Eric T.	Psychiatry	76
Carpenter, Frank G.	Physiology	74
Carpenter, Walter T., Jr.	Pediatrics	70
Carr, Henry A.	Medicine	54
Carr, John W.	Psychiatry	76
Carter, Anne C.	Medicine	54
Catlin, Daniel	Surgery	86
Cattell, McKeen	Pharmacology	73
Cavalieri, Liebe F.	Sloan-Kettering (Biochemistry)	100
Cecil, Russell L.	Medicine (Emeritus)	8
Cerruli, Remo	Psychiatry	77
Charash, Leon I.	Pediatrics	71
Chaves, Aaron D.	Pub. Health & Prev. Med.; Medicine	79, 55
Christenson, William N.	Medicine	57
Chu, Florence Chien-Hwa	Radiology	82
Chu, Foo	Medicine	56
Chu, Norman S. C.	Surgery	87
Cipollaro, Anthony C.	Medicine (Dermatology)	54
Clapp, Paul	Surgery	87
Clark, Robert A.	Surgery	86
Clarke, Donald A.	Sloan-Kettering (Pharmacology)	100
Cleveland, Eric	Psychiatry	76
Cliffon, Eugene E.	Surgery	84
Coats, Edward C.	Surgery	86
Cobb, Clement B. P.	Pediatrics	70
Cobb, John R.	Surgery (Orthopedics)	85
Cohen, Eugene J.	Medicine	55
Cole, John T.	Obstetrics & Gynecology	64
Coley, Bradley L.	Surgery	84
Collins, Harvey S.	Sloan-Kettering (Medicine)	101
Console, Arthur D.	Surgery (Neurosurgery)	85
Constantine, Elizabeth F.	Surgery	86
Conte, Alexander	Surgery	86
Conway, Herbert	Surgery	84
Cooper, Howard N.	Psychiatry	76
Cooper, William	Surgery (Orthopedics)	85
Cooper, William	Surgery	87
Cooper, William A.	Surgery	84
Cormia, Frank E.	Medicine (Dermatology)	55
Cornell, Carlton M.	Surgery	86
Cornell, George N.	Surgery	87
Cornell, Nelson W.	Surgery	84
Cox, Denton S.	Medicine	58
Craig, Robert L.	Obstetrics & Gynecology	64
Cramer, Jean Abel	Medicine	56
Craver, Lloyd F.	Medicine	54
Craver, William L.	Surgery	87
Crawford, David B., Jr.	Obstetrics & Gynecology	64
Crews, Marjorie	Sloan-Kettering	103
Crissey, Eleanor	Psychiatry	76
Daniel, William W.	Surgery	86
Daniells, Helen E.	Psychiatry	76
Dann, Margaret	Pediatrics	70

Dargeon, Harold W. K.	Pediatrics	70
Davidson, Murray	Pediatrics	70
Davis, Jeff	Medicine	56
Davis, Marion	Medicine	56
Davis, E. William	Obstetrics & Gynecology	65
Day, Emerson	Sloan-Kettering (Prev. Med.)	102
Deans, Robert D.	Surgery	86
Deddish, Michael R.	Surgery	85
de Francisco, Adolpho	Medicine	57
de Gara, Paul F.	Pathology; Pediatrics	68, 70
DeHaven, Hugh R.	Pub. Health & Prev. Med.	79
Denker, Peter G.	Medicine (Neurology)	55
Dennen, Edward H.	Obstetrics & Gynecology	64
Denues, A. R. T.	Sloan-Kettering (Biology)	100
de Prosse, Charles A.	Obstetrics & Gynecology	65
Despert, J. Louise	Psychiatry	76
Deutschberger, Jerome	Medicine	57
Dexter, Richard L.	Medicine	58
Diamond, Henry D.	Medicine	55
Diamond, Monroe T.	Medicine	56
Diehl, Carolyn H.	Medicine	56
Diethelm, Oskar	Psychiatry	76
Dillon, Thomas F.	Obstetrics & Gynecology	65
Dineen, Peter	Surgery	86
Dingwall, James A., III	Surgery	85
DiPace, Ralph T.	Surgery	86
Dooley, Samuel W.	Pediatrics	70
Dougherty, John W.	Medicine	56
Douglas, R. Gordon	Obstetrics & Gynecology	64
Doyle, Thomas L., Jr.	Psychiatry	77
Draper, John W.	Surgery (Urology)	84
Drew, J. Edwin	Surgery	86
DuBois, Eugene F.	Physiology (Emeritus)	8
DuBois, Robert O.	Pediatrics	70
Dudley, Guilford S.	Surgery	84
Duley, Wade	Surgery	86
Dunbar, Howard S.	Surgery	85
Dunlap, Edward A., III	Surgery (Ophthalmology)	85
Dunn, William H.	Psychiatry	76
Dunning, Henry S.	Medicine (Neurology)	54
du Vigneaud, Vincent	Biochemistry	52
Dworetzky, Murray	Medicine	56
Eckardt, Robert E.	Medicine	56
Eckel, John H.	Surgery	84
Eckhardt, William F.	Medicine	58
Eder, Howard A.	Medicine	55
Edwards, Dayton J.	Physiology (Emeritus); Sec'y of Faculty	8, 6
Edwards, Herbert R.	Pub. Health & Prev. Med.	79
Egan, George F.	Surgery	84
Egelston, DuBose	Surgery	87
Eggleston, Cary	Medicine (Emeritus)	8
Eisenberg, Bernard	Pediatrics	71
Eliasberg, Helene	Pediatrics	70
Ellis, John T.	Pathology; Surgery	68, 85
Ellison, Rose-Ruth	Sloan-Kettering	101
Engle, Mary A.	Pediatrics	70

Engle, Ralph L., Jr.	Medicine	55
Epstein, Nathan	Pediatrics	70
Erdman, Albert J., Jr.	Medicine	55
Erlandson, Marion E.	Pediatrics	71
Escher, George C.	Sloan-Kettering	101
Esposito, Michael J.	Radiology	82
Evans, John A.	Radiology	82
Ewing, James H.	Pub. Health & Prev. Med.	79
Falk, Emil A.	Medicine	56
Farmer, Lawrence	Medicine	56
Farr, Hollon W.	Surgery	85
Farrar, Holden K.	Obstetrics & Gynecology	65
Farrell, Frank W.	Surgery	86
Farrow, Joseph H.	Surgery	85
Feder, Aaron	Medicine	55
Ferguson, G. Renee	Psychiatry	76
Fiedler, George A.	Surgery (Urology)	85
Finby, Nathaniel	Radiology	82
Fink, Austin I.	Surgery	86
Finn, Matthew C.	Surgery	87
Finn, William F.	Obstetrics & Gynecology	64
Flach, Frederic F.	Psychiatry	77
Flandreau, Richard H.	Surgery	86
Fleetwood, M. Freile	Psychiatry	76
Fleischmann, Edgar P.	Surgery	86
Focht, Elizabeth F.	Radiology (Physics)	82
Foley, William T.	Medicine	55
Foot, N. Chandler	Surgical Pathology (Emeritus)	8
Foote, Frank W., Jr.	Sloan-Kettering (Pathology)	102
Foote, Franklin M.	Pub. Health & Prev. Med.	79
Forkner, Claude E.	Medicine	54
Fortner, Joseph	Sloan-Kettering	103
Fraad, Lewis M.	Pediatrics	70
Franklin, John E.	Pediatrics	70
Fraser, Alan W.	Pediatrics; Psychiatry	70, 76
Frazell, Edgar L.	Surgery	85
Fremond, Alan S.	Surgery	87
Freund, Jules	Pathology	68
Freyberg, Richard H.	Medicine	54
Friend, Charlotte	Sloan-Kettering	100
Friess, Constance	Medicine	55
Fukushima, David K.	Sloan-Kettering (Biochemistry)	100
Fuller, George R.	Physiology	74
Fulton, Lyman A.	Medicine	56
Gabel, Milton	Surgery	86
Gallagher, Joseph J.	Radiology	82
Gallagher, Thomas F.	Sloan-Kettering (Biochemistry)	100
Garb, Solomon	Pharmacology	73
Garrick, Thomas J.	Surgery	86
Gause, Ralph W.	Obstetrics & Gynecology	64
Genghof, Dorothy S.	Biochemistry	52
Genvert, Harold	Surgery	85
Geohegan, William A.	Anatomy	50
Gepfert, Randolph	Obstetrics & Gynecology	64
Gersh, Marvin J.	Pediatrics	70
Gerson, Martin L.	Psychiatry	76

Gibbons, John Martin	Medicine	56
Giebisch, Gerhard	Physiology	74
Gilder, Helena	Biochemistry; Surgery	52, 85
Gilmore, James	Obstetrics & Gynecology	65
Giorgi, Elsie A.	Medicine	56
Gish, Duane T.	Biochemistry	52
Given, William P.	Obstetrics & Gynecology	64
Glassman, Oscar	Obstetrics & Gynecology	64
Glenn, Frank	Surgery	84
Glynn, Martin J.	Pediatrics	70
Goebel, David	Medicine	57
Goff, Alvin H.	Psychiatry	77
Gold, Harry	Pharmacology	73
Goldberg, Henry P.	Pediatrics	70
Goldsmith, Edward I.	Surgery	87
Goldstein, Gilbert	Sloan-Kettering	100
Goldstein, Oscar E.	Medicine	56
Goodell, Helen	Medicine	57
Goodridge, Malcolm	Medicine (Emeritus)	8
Goodyear, Stephen	Psychiatry	76
Gordon, Dan M.	Surgery (Ophthalmology)	85
Goulet, Anita H.	Surgery	87
Grace, William J.	Medicine	54
Greaves, Donald C.	Psychiatry	77
Greeley, Arthur V.	Obstetrics & Gynecology	64
Green, James L.	Surgery	86
Greenacre, Phyllis	Psychiatry	76
Greenberg, Sidney M.	Medicine	55
Greene, Theodore C.	Anatomy	50
Greenspan, Waldo	Medicine	58
Greif, Roger L.	Physiology	74
Groeschel, August H.	Pub. Health & Prev. Med.	79
Grunebaum, Henry U.	Pediatrics	71
Guenard, Eugene J.	Surgery	86
Guion, Connie M.	Medicine (Emeritus)	8
Gussen, John	Psychiatry	77
Guthrie, Keith O., Jr.	Medicine	56
Haberfelde, George C.	Pathology	68
Hadley, Susan J.	Medicine	55
Hagamen, Wilbur D.	Anatomy	50
Hall, Theodore	Sloan-Kettering	101
Halsey, Hugh, II	Obstetrics & Gynecology	64
Hamilton, Charles K.	Surgery	86
Hamilton, Francis J.	Psychiatry	76
Hamilton, Leonard D.	Sloan-Kettering	100
Hanlon, Lawrence W.	Assistant Dean; Anatomy	6, 50
Hansson, Kristian G.	Surgery (Physiotherapy)	84
Haralambie, James Q.	Pediatrics	70
Harden, A. Gardner	Medicine	58
Harrar, James A.	Obstetrics & Gynecology (Emeritus)	8
Harrington, Helen	Pediatrics	70
Harris, Richard L.	Psychiatry	76
Harrison, James S.	Surgery	86
Harrold, Charles C., Jr.	Surgery	86
Hatterer, Lawrence J.	Psychiatry	77
Hauser, Edwin T.	Medicine	54

MEDICAL COLLEGE STAFF

119

Hauser, Louis A.	Medicine	56
Hausman, Louis	Medicine (Neurology)	54
Hawks, Graham G.	Obstetrics & Gynecology	65
Hays, Daniel M.	Surgery	86
Hehre, Edward J.	Microbiology & Immunology	63
Heimoff, Leonard L.	Medicine	56
Hellman, Leon D.	Sloan-Kettering (Medicine)	101
Helper, Helen N.	Pediatrics	70
Helpern, Herman G.	Medicine	56
Helpern, Milton	Medicine; Pathology	55, 68
Henley, Elaine D.	Medicine	57
Henley, Thomas F.	Psychiatry	77
Henry, George W.	Psychiatry	76
Hersh, Alexander	Surgery	87
Higinbotham, Norman L.	Surgery	85
Hill, Malcolm R.	Surgery	87
Hinkle, Lawrence E., Jr.	Medicine	55
Hinsey, Joseph C.	Director	4
Hirsch, Robert L.	Pathology	68
Hobson, Lawrence B.	Medicine	56
Hochstein, Elliot	Medicine	55
Holman, Cranston W.	Surgery	84
Holman, James M.	Surgery	86
Holmquist, Nelson D.	Pathology	68
Holswade, George R.	Surgery	86
Holt, Evelyn	Medicine	55
Hood, Claude I.	Pathology	68
Hood, Henry L.	Surgery	87
Hooker, Russell H.	Surgery	86
Hoover, Walter B.	Surgery	87
Hopper, Mary Ellen	Medicine	57
Horger, Eugene L.	Medicine	56
Horwith, Melvin	Medicine	57
Houde, Raymond W.	Sloan-Kettering (Medicine)	101
Howe, Suzanne A. L.	Surgery	86
Howland, William	Sloan-Kettering (Surgery)	103
Huebner, Robert D.	Medicine	56
Hughes, John H.	Psychiatry	77
Humphreys, Gustavus A.	Surgery (Urology)	85
Hunt, Frederick C.	Pediatrics	70
Hutchison, Dorris J.	Sloan-Kettering	100
Hynes, Frank J.	Surgery	86
Isenhour, Albert P.	Surgery	87
Jacobsen, Leif Y.	Medicine	56
Jacquez, John A.	Sloan-Kettering	100
Jameison, Gerald R.	Psychiatry	76
Janulis, Peter T.	Psychiatry	77
Jaspin, George	Radiology	82
Javert, Carl T.	Obstetrics & Gynecology	64
Jeffreys, William H.	Medicine	56
Jensen, D. Rees	Surgery	85
Jerome, Anthony	Surgery	86
Johnson, Donald G.	Obstetrics & Gynecology	64
Johnson, George, Jr.	Surgery	87
Joyner, Edmund N., III	Pediatrics	70
Kammerer, William H.	Medicine	55

Kane, Francis D.	Psychiatry	77
Kantor, Herbert G.	Radiology	82
Kany, Alfred W.	Radiology	82
Kaplan, Lawrence I.	Medicine	56
Karl, Richard C.	Surgery	86
Karnofsky, David A.	Sloan-Kettering (Medicine)	101
Karp, Dorothy	Pharmacology	73
Katsoyannis, Panayotis G.	Biochemistry	52
Kauer, George L.	Medicine	55
Kauer, Joseph T.	Surgery	85
Kaufman, Ira H.	Surgery	87
Kean, B. H.	Medicine; Pub. Health & Prev. Med.	55, 79
Keefer, Edward B. C.	Surgery	86
Kelley, Samuel F.	Surgery (Otolaryngology)	84
Kellner, Aaron	Pathology	68
Kelly, James T.	Surgery	86
Kelly, LeMoyné C.	Medicine	55
Kemp, Walter W.	Psychiatry	77
Kent, Ann P.	Obstetrics & Gynecology;	
	Pub. Health & Prev. Med.	64, 79
Kerns, Theodore J.	Surgery	87
Kestler, Otto C.	Surgery	86
Kidd, John G.	Pathology	68
Killip Thomas, III	Medicine	58
Kirkland, Henry B.	Medicine	56
Kirkpatrick, Price A.	Psychiatry	77
Kivel, Raymond M.	Medicine	58
Klebanoff, Seymour G.	Psychiatry	76
Kligler, David	Pediatrics	71
Kliwer, David D.	Medicine	58
Klingon, Gerald H.	Medicine	56
Klumpp, Margaret	Medicine	55
Knehr, Charles A.	Psychiatry	77
Koch, Henry J., Jr.	Sloan-Kettering (Medicine)	101
Koenig, Hedwig	Pediatrics	70
Kohl, Richard N.	Psychiatry	76
Koprowska, Irena	Anatomy	50
Korngold, Leonhard	Sloan-Kettering	100
Korsch, Barbara M.	Pediatrics	70
Koss, Leopold G.	Sloan-Kettering (Pathology)	102
Koteen, Herbert	Medicine	55
Koteen, Phyllis H.	Pediatrics	70
Kovalenko, Vladimir	Biochemistry	52
Kramer, Elmer E.	Obstetrics & Gynecology	64
Kramer, Milton L.	Medicine	54
Kretchmer, Norman	Pediatrics	70
Kreth, Kay M.	Obstetrics & Gynecology	65
Kuchinskas, Edward J.	Biochemistry	52
Kuhn, Herbert R., Jr.	Obstetrics & Gynecology	65
Kutner, Bernard	Pub. Health & Prev. Med.	79
Kwit, Nathaniel T.	Pharmacology	73
La Due, John S.	Medicine	55
Lake, Michael	Medicine	55
LaMar, Norvelle C.	Psychiatry	76
Lampe, Ernest W.	Anatomy; Surgery	50, 84
Landesman, Robert	Obstetrics & Gynecology	64

MEDICAL COLLEGE STAFF

121

Langner, Helen P.	Psychiatry	77
Langer, Thomas S.	Psychiatry	76
Langstadt, John R.	Obstetrics & Gynecology	65
Lau, Michael	Surgery	86
Laughlin, John S.	Sloan-Kettering (Biophysics)	101
Lauson, Henry D.	Pediatrics; Physiology	70, 74
Lavoie, Jean C.	Surgery	87
Lawrence, Jerome	Surgery	87
Leacock, Eleanor	Psychiatry	77
Leder, Harold L.	Medicine	56
Lee, Richard E.	Medicine; Pub. Health & Prev. Med.	55, 79
Lee, Seung Hoon	Medicine	57
Lee, S. T.	Surgery	86
Leeds, Norma	Sloan-Kettering	100
Leighton, Alexander Hamilton	Psychiatry	76
Leighton, Dorothea G.	Psychiatry	76
LeMaistre, Charles A.	Medicine	55
Lemcke, Dorothea	Medicine	56
L'Esperance, Elise S.	Pub. Health & Prev. Med. (Emeritus)	8
Levine, Leon I.	Medicine	55
Levine, Milton I.	Pediatrics	70
Levine, Samuel Z.	Pediatrics	70
Lewis, George M.	Medicine (Dermatology)	54
Lewis, John S.	Surgery	86
Ley, Allyn B.	Medicine	55
Lichtman, Sol S.	Medicine	55
Lieberman, Jerrold S.	Medicine	56
Liebolt, Frederick L.	Surgery (Orthopedics)	84
Lincoln, Asa L.	Medicine	54
Lintz, Robert M.	Medicine	56
Lipkin, Mack	Medicine	55
Livingstone, Ernest T.	Medicine	57
Loewenstein, Fritz	Medicine	58
Longaker, William D.	Psychiatry	76
Lorenze, Edward J., III	Medicine (Physical Medicine)	55
Loeske, Lucile	Surgery	86
Loveless, Mary H.	Medicine (Allergy)	54
Louria, Donald B.	Medicine	58
Lowe, Norman	Pathology	68
Lubschez, Rose	Pediatrics	70
Luckey, E. Hugh	Dean; Medicine	6, 64
Ludwig, Martha	Biochemistry	52
Lukas, Daniel S.	Medicine	55
MacFee, William F.	Surgery	84
MacLeod, John	Anatomy; Physiology	50, 74
MacLeod, Martha B.	Physiology	74
Magida, Melville G.	Pediatrics	71
Mahrer, Peter R.	Medicine	58
Maisel, Bernard	Surgery	85
Mamelok, Alfred E.	Surgery	86
Mann, Edward C.	Psychiatry	77
Mannix, Henry L.	Surgery	87
Marbury, Benjamin E.	Surgery; Obstetrics & Gynecology	85, 64
Marshall, Florence N.	Pediatrics	70
Marshall, Victor F.	Surgery (Urology)	84
Martin, Hayes E.	Surgery	84

Martin, Herbert L.	Medicine	56
Martin, Kirby A.	Medicine	55
Masterson, James F., Jr.	Psychiatry	77
Mazur, Abraham	Medicine	55
Mazzia, Valentino D.	Surgery	86
McAuliffe, Gervais W.	Surgery (Otolaryngology)	84
McCabe, Robert E., Jr.	Surgery	87
McC Campbell, Stanley R.	Medicine	58
McCandlish, Howard S.	Obstetrics & Gynecology	64
McCarroll, James R.	Pub. Health & Prev. Med.	79
McClenahan, John L.	Radiology	82
McCombs, A. Parks	Medicine	56
McCormack, Richard R.	Medicine	55
McCoy, Francis W.	Medicine	57
McCune, Robert M.	Medicine	57
McDermott, Walsh	Medicine	54
McDevitt, Ellen	Medicine	56
McGovern, John H.	Surgery	87
McGovern, Robert G.	Pediatrics	70
McGowan, Frank J.	Surgery	85
McGrath, John F.	Psychiatry	77
McIlveen, Marion	Pediatrics	70
McLane, Charles M.	Obstetrics & Gynecology	64
McLarn, William D.	Obstetrics & Gynecology	65
McLean, John M.	Surgery (Ophthalmology)	84
McLellan, Allister M.	Surgery (Urology)	84
McLellan, Frederick C.	Surgery (Urology)	85
McNamara, Helen	Pediatrics	71
McNeer, Gordon	Surgery	85
McNeil, James P., Jr.	Obstetrics & Gynecology	65
Mehler, Leopold	Surgery	86
Melchionna, Robert H.	Medicine	55
Mellors, Robert C.	Sloan-Kettering (Biology)	100
Melville, Donald B.	Biochemistry	52
Mendelson, Curtis L.	Obstetrics & Gynecology	64
Mermann, Alan	Sloan-Kettering	101
Milhorat, Ade T.	Medicine; Psychiatry	54, 76
Miller, Raymond E.	Medicine	56
Miller, Theodore R.	Surgery	86
Milman, Anne E.	Psychiatry	76
Mindlin, Rowland L.	Pediatrics	70
Miscall, Laurence	Surgery	85
Modell, Walter	Pharmacology	73
Moench, L. Mary	Medicine	56
Mohos, Steven C.	Pathology	68
Molander, David W.	Medicine	58
Money, William L.	Sloan-Kettering (Biology)	100
Moodie, Alan M.	Surgery	87
Moore, Alice E.	Sloan-Kettering (Biology)	100
Moore, James A.	Surgery (Otolaryngology)	84
Moore, Oliver S.	Surgery	86
Moore, Ralph B., Jr.	Pediatrics	71
Moore, S. W.	Surgery	84
Morgenthau, Joan E.	Pediatrics	71
Morrill, Charles V.	Anatomy (Emeritus)	8
Mueller, George C.	Surgery	86

MEDICAL COLLEGE STAFF

123

Mulrow, Patrick	Physiology	74
Murphy, George E.	Pathology	68
Murphy, M. Lois	Sloan-Kettering	101
Murphy, Willis A.	Medicine	56
Muschenheim, Carl	Medicine	54
Myers, W. P. Laird	Sloan-Kettering	101
Nagel, Gunther P.	Surgery	87
Nathanson, Joseph N.	Obstetrics & Gynecology	64
Needy, Carl K.	Medicine	56
Neill, James M.	Microbiology & Immunology	63
Nestler, Warren P.	Medicine	56
New, Elizabeth V.	Pediatrics	71
Nicholas, James A.	Surgery	86
Nickel, William F., Jr.	Surgery	84
Nickerson, Kenneth G.	Obstetrics & Gynecology	65
Nickson, James J.	Sloan-Kettering (Radiology)	102
Norris, John L.	Anatomy	50
Norton, Edward W. D.	Surgery	87
Nydick, Irwin	Medicine	56
Nygren, Edward J.	Surgery	87
Ochwadt, Bruno	Physiology	74
Ogilvie, John B.	Surgery	86
Olcott, Charles T.	Pathology	68
Oliver, Thomas K., Jr.	Pediatrics	71
Oljenick, Ignaz W.	Medicine (Neurology)	58
Ollstein, Philip	Pub. Health & Prev. Med.	79
O'Neill, Earl A.	Surgery	86
Opie, Eugene L.	Pathology (Emeritus)	8
Opler, Marvin K.	Psychiatry	76
Oppel, Theodore W.	Medicine	54
Oppenheimer, Hans	Psychiatry	77
Organick, Avrum B.	Medicine	56
O'Regan, Charles H.	Pediatrics	70
Ostfeld, Adrian M.	Medicine	57
O'Sullivan, Ward D.	Surgery	85
Ovadia, Jacques	Sloan-Kettering	101
Pack, George T.	Surgery	84
Padilla, Elena	Pub. Health & Prev. Med.	79
Palmer, Walter M.	Medicine	58
Papanicolaou, George	Anatomy (Emeritus)	8
Paquin, Albert J.	Surgery	86
Pardee, Harold E. B.	Medicine	54
Parsons, Herbert	Surgery	84
Parsons, Thomas C.	Medicine	56
Patterson, Marjorie B.	Medicine	56
Patterson, Robert L.	Surgery (Orthopedics)	85
Patterson, Russel H.	Surgery	84
Payne, Mary Ann	Medicine	55
Peabody, George E.	Medicine	56
Pearce, Charles	Surgery	87
Pearce, John M.	Pathology; Surgery	68, 84
Pearson, Olof H.	Sloan-Kettering (Medicine)	101
Pearson, T. Arthur	Radiology	82
Peck, Fremont C.	Surgery	87
Peck, Robert E.	Psychiatry	77
Penna, Decio deO.	Medicine	57

Perrone, Francis S.	Medicine	56
Pert, James H.	Medicine	57
Petermann, Mary L.	Sloan-Kettering (Biochemistry)	100
Phillips, Frederick S.	Sloan-Kettering (Pharmacology)	100
Phillips, Ralph F.	Radiology	82
Pickett, Pauline	Surgery	87
Pierce, Virginia K.	Obstetrics & Gynecology	65
Pitts, Robert F.	Physiology	74
Plummer, Norman	Medicine	55
Poker, Nathan	Radiology	82
Pool, J. Lawrence	Surgery	85
Poppell, James W.	Sloan-Kettering	101
Pritchett, R. A. Rees	Medicine	56
Prout, Curtis T.	Psychiatry	76
Quan, Stuart H. Q.	Surgery	86
Rachele, Julian R.	Biochemistry	52
Rackow, Leon L.	Psychiatry	77
Rall, Joseph E.	Medicine	55
Randall, Henry T.	Sloan-Kettering (Surgery)	103
Rawson, Rulon W.	Sloan-Kettering (Medicine)	101
Ray, Bronson S.	Surgery	84
Reader, George G.	Medicine; Pharmacology	54, 73
Redo, S. Frank	Surgery	87
Regan, Peter F.	Psychiatry	77
Reilly, H. Christine	Sloan-Kettering	100
Reilly, Joseph F.	Pharmacology	73
Rennie, Thomas A. C.	Psychiatry	76
Ressler, Charles H.	Medicine	57
Ressler, Charlotte	Biochemistry	52
Reznikoff, Paul	Medicine	54
Rhoads, Cornelius P.	Sloan-Kettering (Pathology)	100
Richards, Nelson G.	Medicine	58
Richardson, Eric C.	Surgery	86
Richardson, Henry B.	Medicine	54
Richardson, Howard	Sloan-Kettering (Pathology)	102
Rigney, Thomas G.	Pub. Health & Prev. Med.	79
Riker, Walter F., Jr.	Pharmacology	73
Riley, Edgar A.	Medicine	55
Rinzler, Seymour H.	Pharmacology	73
Rizzo, Peter C.	Surgery (Orthopedics)	85
Robbins, Guy F.	Surgery	86
Roberts, Jay	Pharmacology	73
Roberts, Kathleen E.	Sloan-Kettering	101
Roberts, Thomas N.	Medicine	57
Robertson, Theodore	Pathology	68
Rockwell, Fred V.	Psychiatry	76
Roeske, Roger W.	Biochemistry	52
Rogers, Alfred P.	Surgery	87
Rogers, David E.	Medicine	55
Rogoff, Julius L.	Medicine	57
Roll, Paul M.	Sloan-Kettering (Biochemistry)	100
Roseman, David M.	Medicine	58
Rosenfeld, Robert S.	Sloan-Kettering	100
Roth, Kenneth	Medicine	58
Rothbard, Sidney	Medicine	54
Rubin, Albert L.	Medicine	57

MEDICAL COLLEGE STAFF

125

Rubin, Vera D.	Psychiatry	77
Ruskin, Richard A.	Biochemistry; Obstetrics & Gynecology	52, 65
Ryan, Patrick	Surgery	87
Sackett, Nelson B.	Obstetrics & Gynecology	64
Salamon, Ivan I.	Sloan-Kettering	100
Samuels, Bernard R.	Surgery (Ophthalmology) (Emeritus)	8
Scanlan, Theresa	Medicine	57
Schaefer, George	Obstetrics & Gynecology	64
Schillinger, Arnold A.	Psychiatry	77
Schmidt, John G.	Surgery (Orthopedics)	85
Schnittman, Morris	Surgery	87
Schorr, Julian B.	Pediatrics	71
Schreier, Robert I.	Surgery	88
Schulman, Irving	Pediatrics	70
Schuyler, Leonard	Medicine	57
Schwartz, Hans J.	Medicine (Dermatology) (Emeritus)	8
Schwartz, Irving	Radiology	82
Schwartz, Morton K.	Sloan-Kettering	100
Schweid, Abraham I.	Pathology	68
Schweizer, Olga	Sloan-Kettering (Surgery)	103
Seal, Sam H.	Sloan-Kettering	102
Sedar, Jean	Surgery	85
Selby, Cecily C.	Sloan-Kettering	100
Selby, Henry M.	Radiology	82
Sereni, Fabio	Pediatrics	71
Sery, Theodore W.	Microbiology & Immunology	63
Seybolt, John F.	Anatomy; Pathology	50, 68
Sheard, Charles	Medicine	57
Shepard, Edward M.	Medicine	57
Sheppard, Erwin	Medicine	55
Sherfey, Mary J.	Psychiatry	76
Sherman, Robert S.	Radiology	82
Shibuya, Madoka	Pediatrics	71
Shorr, Ephraim	Medicine (Endocrinology)	54
Shultz, Selma M.	Medicine	57
Simon, Eric J.	Psychiatry	76
Simon, Eugene P.	Medicine	57
Simon, Harold J.	Medicine	58
Simons, Donald J.	Medicine	54
Sinclair, Harry A.	Medicine	57
Skudder, Paul	Surgery	88
Slater, Beatrice S.	Pediatrics	71
Slater, Robert J.	Pediatrics	71
Smillie, Wilson G.	Pub. Health & Prev. Med.	79
Smith, Carl H.	Pediatrics	70
Smith, Erwin F.	Obstetrics & Gynecology	64
Smith, Frank R.	Obstetrics & Gynecology	64
Smith, J. James	Medicine	55
Smith, John R.	Medicine	57
Smith, Martha L.	Pediatrics	71
Snyder, Charles T.	Obstetrics & Gynecology	64
Snyder, Ruth E.	Radiology	82
Snyder, Stuart S.	Surgery (Ophthalmology)	85
Snyderman, Reuven K.	Surgery	87
Sonenberg, Martin	Sloan-Kettering (Medicine)	101
Sonkin, Lawrence S.	Medicine	57

Southam, Chester M.	Sloan-Kettering (Medicine)	101
Speer, David S.	Surgery	87
Spellman, Robert M.	Surgery	87
Spencer, Thomas B.	Medicine	57
Spielman, Aaron D.	Medicine	57
Spier, I. Robert	Surgery	88
Spitz, Sophie	Sloan-Kettering (Pathology)	102
Spruiell, Vann E.	Psychiatry	77
Srole, Leo	Psychiatry	76
Stanton, Edward F.	Obstetrics & Gynecology	65
Stark, Richard B.	Surgery (Plastic Surgery)	85
Stearns, Maus W., Jr.	Surgery	87
Steinberg, Herman	Medicine	57
Steinberg, Israel	Medicine; Radiology	55, 82
Stephens, Richmond	Surgery (Orthopedics)	84
Stern, Gertrude S.	Pediatrics	71
Sternberg, Stephen S.	Sloan-Kettering	102
Stevens, Alexander R.	Surgery (Urology) Emeritus)	8
Stevens, Harry D.	Surgery	88
Stevenson, Lewis D.	Pathology; Medicine (Neurology)	54, 68
Stewart, Fred W.	Sloan-Kettering (Pathology)	102
Stewart, Harold J.	Medicine	54
Stillerman, Maxwell	Pediatrics	71
Stimson, Philip M.	Pediatrics	70
Stock, C. Chester	Sloan-Kettering (Biochemistry)	100
Stockhamer, Nathan	Psychiatry	77
Stokes, Peter E.	Medicine	58
Straub, Lee R.	Surgery (Orthopedics)	85
Straub, Leonard R.	Psychiatry	77
Streitfeld, Franklin H.	Pediatrics	71
Struve, John F.	Surgery	87
Studenbord, William D.	Medicine	55
Stunkard, Albert J.	Medicine; Psychiatry	57, 77
Sugg, John Y.	Microbiology & Immunology	63
Sullivan, Joseph D.	Psychiatry	77
Sullivan, W. James	Physiology	74
Sunderland, Douglas	Sloan-Kettering	102
Sutherland, Arthur M.	Medicine	55
Sutton, John E.	Surgery	85
Sved, Dorothy W.	Sloan-Kettering	101
Swan, Roy C.	Physiology	74
Sweeney, William J.	Obstetrics & Gynecology	65
Sweet, Joshua E.	Experimental Surgery (Emeritus)	8
Swift, Katharine W.	Medicine	57
Sykes, Marguerite	Sloan-Kettering	101
Syz, Hans	Psychiatry	77
Tagnon, Henry J.	Medicine	54
Tan, Charlotte T. C.	Sloan-Kettering	101
Taussky, Hertha H.	Medicine	57
Taylor, John J.	Anatomy	50
Temple, Harold L.	Radiology	82
Templeton, Gordon	Psychiatry	77
Thompson, Hartwell G., Jr.	Medicine	58
Thompson, T. Campbell	Surgery (Orthopedics)	84
Thomson, Archibald W., Jr.	Obstetrics & Gynecology	65
Thorbjarnarson, Bjorn	Surgery	87

MEDICAL COLLEGE STAFF

127

Timpanelli, Alphonse E.	Medicine	54
Timrud, David	Psychiatry	77
Tollefsen, H. Randall	Surgery	87
Tolstoi, Edward	Medicine	54
Tompsett, Ralph	Medicine	54
Toolan, Helene W.	Sloan-Kettering (Pathology)	100
Topkins, Marjorie J.	Surgery	87
Torbert, John V.	Medicine	58
Torre, Douglas P.	Medicine	57
Toscani, Vincent A.	Medicine	57
Travell, Janet	Pharmacology	73
Travis, John H.	Psychiatry	76
Treves, Norman	Surgery	84
Troutman, Richard C.	Surgery	85
Tweddel, George K., Jr.	Surgery	87
Twinem, Francis P.	Surgery (Urology)	85
Twiss, J. Russell	Medicine	57
Tyndall, Marian	Medicine	57
Ultmann, John E.	Medicine	57
Urban, Clifford H.	Pathology	68
Urban, Jerome A.	Surgery	87
Valergakis, Frederick E. G.	Medicine	57
Van Mater, John S.	Obstetrics & Gynecology	65
Vasilas, Anthony	Radiology	82
Venet, Louis	Sloan-Kettering (Prev. Med.)	102
Wade, Preston A.	Surgery	84
Wadsworth, Morton	Psychiatry	77
Wagner, Lewis C.	Surgery (Orthopedics)	84
Wagner, Robert M.	Obstetrics & Gynecology	65
Wainwright, William H.	Psychiatry	77
Walker, John M.	Sloan-Kettering (Surgery)	103
Wall, James H.	Psychiatry	76
Wallis, Lila A.	Medicine	57
Wantz, George E.	Surgery	88
Ward, Darrell N.	Biochemistry	52
Warner, Nathaniel	Psychiatry	77
Watson, Robert F.	Medicine	54
Watson, William L.	Surgery	85
Webster, Bruce P.	Medicine	54
Weeden, Willis M.	Surgery; Pub. Health & Prev. Med.	87, 79
Weider, Arthur	Psychiatry	76
Weinfeld, Herbert	Sloan-Kettering	100
Weinstock, Irwin M.	Psychiatry	77
Weintraub, Sydney	Radiology	82
Weiss, Alvah M.	Pediatrics	71
Welch, Livingston	Psychiatry	76
Wells, Aaron O.	Medicine	57
Wells, Charles E.	Medicine	58
Welsch, Exie Elizabeth	Psychiatry	76
Werner, Charles A.	Medicine	57
Werner, Erwin A.	Medicine	57
Wertz, Frederick J.	Psychiatry	77
West, Charles D.	Sloan-Kettering (Medicine)	101
West, John P.	Surgery	84
Weymuller, Louis E.	Pediatrics	70
Wheatley, Marjorie A.	Pediatrics	70

Wheeler, Charles H.	Medicine	54
White, Stephen	Radiology	82
Whitmore, Willet F., Jr.	Surgery (Urology)	84
Whitney, Doris S.	Pediatrics	71
Wick, Homer C., Jr.	Pub. Health & Prev. Med.	79
Wielawski, Joseph S.	Psychiatry	77
Wierum, Carl	Medicine	57
Wiggins, Roy G.	Surgery	87
Willard, Harold N.	Medicine; Pub. Health & Prev. Med.	57, 79
Williams, Byard	Medicine	54
Wilson, May G.	Pediatrics	70
Wilson, Philip D.	Surgery (Orthopedics)	84
Wilson, Philip D., Jr.	Surgery	87
Wingebach, Wilfred D.	Surgery	87
Wolff, Harold G.	Medicine (Neurology); Psychiatry	54, 76
Wolff, William I.	Surgery	87
Wolfson, Edward A.	Medicine	58
Woodard, Helen Q.	Sloan-Kettering (Biochemistry)	100
Woods, Ruth	Biochemistry	52
Woodward, Walter D.	Psychiatry	77
Woolley, George W.	Sloan-Kettering (Biology)	100
Worthington, Edward L.	Medicine	58
Wright, Harold S.	Psychiatry	77
Wright, Irving S.	Medicine	54
Wright, Mary Elizabeth	Biochemistry	52
Wroblewski, Felix	Medicine	57
Wyker, Arthur W., Jr.	Surgery	88
Wynder, Ernest L.	Sloan-Kettering (Prev. Med.)	102
Yarow, Natalie	Pediatrics	71
Yeager, Robert L.	Medicine (Tuberculosis)	58
Ying, Sai-Hou	Sloan-Kettering (Prev. Med.)	102
Yuceoglu, Munire	Sloan-Kettering	101
Zaccheo, Herbert A.	Obstetrics & Gynecology	65
Zborowski, Mark	Medicine	57
Zipser, Stanley S.	Pediatrics	71
Zucker, Seymour	Medicine	57

SUMMARY OF MEDICAL COLLEGE STAFF

Full Professors	40
Associate Professors	103
Assistant Professors	190
Instructors, Assistants, etc.	458
Total	791

SUMMARY OF SLOAN-KETTERING DIVISION STAFF

Full Professors	12
Associate Professors	15
Assistant Professors	28
Instructors, Assistants, etc.	31
Total	86